

1)

$$\begin{array}{r} 7844 \\ \times 33.2 \\ \hline \end{array}$$
 4100 x 55.5

2)

$$\begin{array}{r} 2780 \\ \times 74.9 \\ \hline \end{array}$$
 4222 x 40.9

3)

$$\begin{array}{r} 7605 \\ \times 27.4 \\ \hline \end{array}$$
 3788 x 71.5

4)

$$\begin{array}{r} 6971 \\ \times 59.8 \\ \hline \end{array}$$
 9557 x 55.3

5)

$$\begin{array}{r} 9984 \\ \times 71.1 \\ \hline \end{array}$$
 9800 x 87.8

6)

$$\begin{array}{r} 4213 \\ \times 29.7 \\ \hline \end{array}$$
 6942 x 21.2

7)

$$\begin{array}{r} 1693 \\ \times 72.3 \\ \hline \end{array}$$
 4755 x 29.4

8)

$$\begin{array}{r} 5375 \\ \times 40.4 \\ \hline \end{array}$$
 5415 x 32.4

9)

$$\begin{array}{r} 127 \\ \times 145 \\ \hline \end{array}$$
 202
203

10)

$$\begin{array}{r} 129 \\ \times 103 \\ \hline \end{array}$$
 181
127

11)

$$\begin{array}{r} 163 \\ \times 183 \\ \hline \end{array}$$
 237
242

12)

$$\begin{array}{r} 72 \\ \times 223 \\ \hline \end{array}$$
 61
187

13)

$$\begin{array}{r} 324 \\ \times 132 \\ \hline \end{array}$$
 254
96

14)

$$\begin{array}{r} 323 \\ \times 206 \\ \hline \end{array}$$
 316
224

15)

$$\begin{array}{r} 24 \\ \times 158 \\ \hline \end{array}$$
 49
343

16)

$$\begin{array}{r} 304 \\ \times 327 \\ \hline \end{array}$$
 261
292

17)

$$\begin{array}{r} 234 \\ \times 176 \\ \hline \end{array}$$
 134
87

18)

$$\begin{array}{r} 125 \\ \times 93 \\ \hline \end{array}$$
 118
100

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민

| | | |
|----|---------|---------------------------|
| 1) | 67.17% | 7844 X 33.2 > 4100 X 55.5 |
| 2) | 91.32% | 2780 X 74.9 > 4222 X 40.9 |
| 3) | 83.13% | 7605 X 27.4 < 3788 X 71.5 |
| 4) | 51.87% | 6971 X 59.8 < 9557 X 55.3 |
| 5) | 160.95% | 9984 X 71.1 < 9800 X 87.8 |
| 6) | 100.77% | 4213 X 29.7 < 6942 X 21.2 |
| 7) | 8.14% | 1693 X 72.3 < 4755 X 29.4 |
| 8) | 37.10% | 5375 X 40.4 > 5415 X 32.4 |
| | 23.49% | |
| | 1.88% | |
| | 40.09% | |
| | 64.78% | |
| | 145.92% | |
| | 180.86% | |
| | 24.69% | |
| | 0.74% | |

| | | | |
|-----|-------|---------|-------|
| 9) | 127 | 59.06% | 202 |
| | 145 | -> | 203 |
| | 0.876 | 40.00% | 0.995 |
| 10) | 129 | 40.31% | 181 |
| | 103 | -> | 127 |
| | 1.252 | 23.30% | 1.425 |
| 11) | 163 | 45.40% | 237 |
| | 183 | -> | 242 |
| | 0.891 | 32.24% | 0.979 |
| 12) | 72 | 18.03% | 61 |
| | 223 | <- | 187 |
| | 0.323 | 19.25% | 0.326 |
| 13) | 324 | 27.56% | 254 |
| | 132 | <- | 96 |
| | 2.455 | 37.50% | 2.646 |
| 14) | 323 | 2.22% | 316 |
| | 206 | <- | 224 |
| | 1.568 | 8.74% | 1.411 |
| 15) | 24 | 104.17% | 49 |
| | 158 | -> | 343 |
| | 0.152 | 117.09% | 0.143 |
| 16) | 304 | 16.48% | 261 |
| | 327 | <- | 292 |
| | 0.930 | 11.99% | 0.894 |
| 17) | 234 | 74.63% | 134 |
| | 176 | <- | 87 |
| | 1.330 | 102.30% | 1.540 |
| 18) | 125 | 5.93% | 118 |
| | 93 | <- | 100 |
| | 1.344 | 7.53% | 1.180 |

1)

$$\begin{array}{r} 4748 \\ \times 44.9 \\ \hline \end{array}$$
 5908 x 31.5

2)

$$\begin{array}{r} 2081 \\ \times 78.6 \\ \hline \end{array}$$
 4456 x 45.6

3)

$$\begin{array}{r} 8837 \\ \times 44.8 \\ \hline \end{array}$$
 4710 x 74.9

4)

$$\begin{array}{r} 9540 \\ \times 84.3 \\ \hline \end{array}$$
 9125 x 99.2

5)

$$\begin{array}{r} 7861 \\ \times 51.9 \\ \hline \end{array}$$
 6824 x 72.9

6)

$$\begin{array}{r} 2335 \\ \times 73.5 \\ \hline \end{array}$$
 1875 x 80.9

7)

$$\begin{array}{r} 3934 \\ \times 98.9 \\ \hline \end{array}$$
 5541 x 90.0

8)

$$\begin{array}{r} 9265 \\ \times 23.3 \\ \hline \end{array}$$
 7816 x 24.2

9)

$$\begin{array}{r} 122 \\ 149 \\ \hline \end{array}$$

$$\begin{array}{r} 134 \\ 161 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 86 \\ 139 \\ \hline \end{array}$$

$$\begin{array}{r} 186 \\ 275 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 195 \\ 305 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ 311 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 158 \\ 177 \\ \hline \end{array}$$

$$\begin{array}{r} 224 \\ 286 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 298 \\ 58 \\ \hline \end{array}$$

$$\begin{array}{r} 261 \\ 52 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 295 \\ 298 \\ \hline \end{array}$$

$$\begin{array}{r} 101 \\ 102 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 256 \\ 330 \\ \hline \end{array}$$

$$\begin{array}{r} 182 \\ 243 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 97 \\ 39 \\ \hline \end{array}$$

$$\begin{array}{r} 110 \\ 50 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 232 \\ 123 \\ \hline \end{array}$$

$$\begin{array}{r} 223 \\ 114 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 180 \\ 261 \\ \hline \end{array}$$

$$\begin{array}{r} 109 \\ 142 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

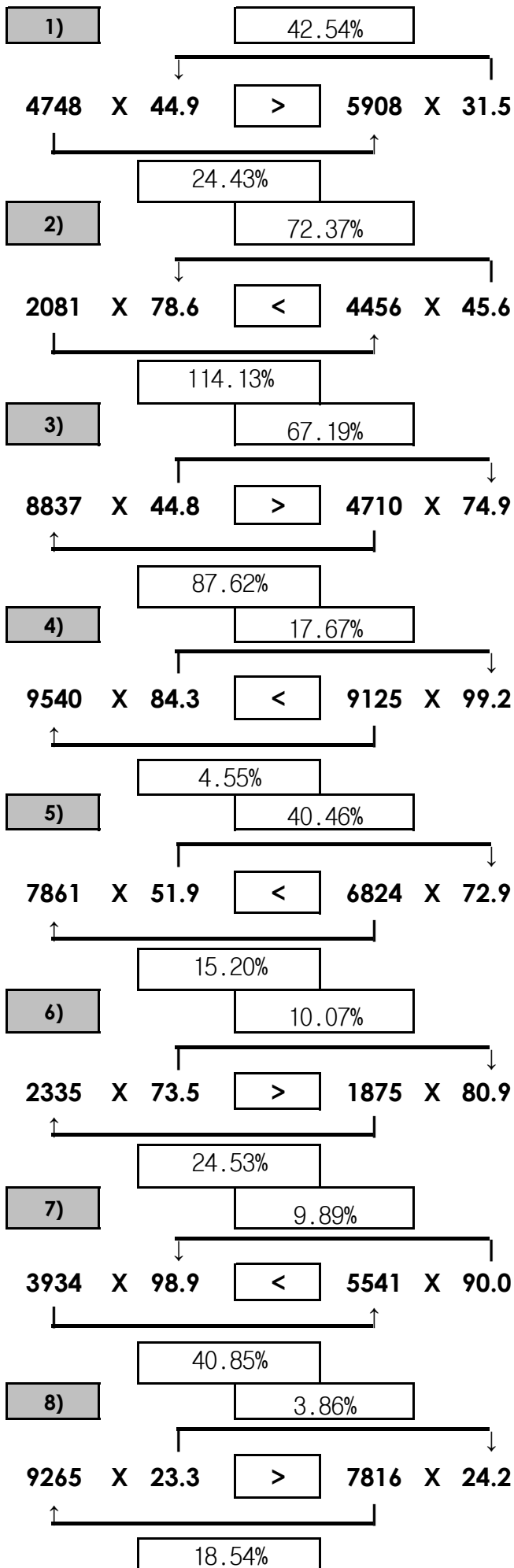
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 122 | 9.84% | 134 |
| | 149 | -> | 161 |
| | 0.819 | 8.05% | 0.832 |
| 10) | 86 | 116.28% | 186 |
| | 139 | -> | 275 |
| | 0.619 | 97.84% | 0.676 |
| 11) | 195 | 6.67% | 208 |
| | 305 | -> | 311 |
| | 0.639 | 1.97% | 0.669 |
| 12) | 158 | 41.77% | 224 |
| | 177 | -> | 286 |
| | 0.893 | 61.58% | 0.783 |
| 13) | 298 | 14.18% | 261 |
| | 58 | <- | 52 |
| | 5.138 | 11.54% | 5.019 |
| 14) | 295 | 192.08% | 101 |
| | 298 | <- | 102 |
| | 0.990 | 192.16% | 0.990 |
| 15) | 256 | 40.66% | 182 |
| | 330 | <- | 243 |
| | 0.776 | 35.80% | 0.749 |
| 16) | 97 | 13.40% | 110 |
| | 39 | -> | 50 |
| | 2.487 | 28.21% | 2.200 |
| 17) | 232 | 4.04% | 223 |
| | 123 | <- | 114 |
| | 1.886 | 7.89% | 1.956 |
| 18) | 180 | 65.14% | 109 |
| | 261 | <- | 142 |
| | 0.690 | 83.80% | 0.768 |

1)

$$\begin{array}{r} 3962 \\ \times 57.7 \\ \hline \end{array}$$
 2714 x 93.9

2)

$$\begin{array}{r} 4054 \\ \times 56.7 \\ \hline \end{array}$$
 3350 x 87.0

3)

$$\begin{array}{r} 1803 \\ \times 96.8 \\ \hline \end{array}$$
 3076 x 71.3

4)

$$\begin{array}{r} 9928 \\ \times 35.3 \\ \hline \end{array}$$
 6637 x 67.3

5)

$$\begin{array}{r} 1826 \\ \times 75.1 \\ \hline \end{array}$$
 4891 x 23.8

6)

$$\begin{array}{r} 2217 \\ \times 30.3 \\ \hline \end{array}$$
 3854 x 23.2

7)

$$\begin{array}{r} 6552 \\ \times 40.8 \\ \hline \end{array}$$
 4783 x 67.3

8)

$$\begin{array}{r} 3666 \\ \times 40.4 \\ \hline \end{array}$$
 9878 x 17.0

9)

$$\begin{array}{r} 91 \\ \times 255 \\ \hline \end{array}$$
 115
318

10)

$$\begin{array}{r} 216 \\ \times 211 \\ \hline \end{array}$$
 250
245

11)

$$\begin{array}{r} 61 \\ \times 273 \\ \hline \end{array}$$
 26
112

12)

$$\begin{array}{r} 277 \\ \times 236 \\ \hline \end{array}$$
 219
201

13)

$$\begin{array}{r} 197 \\ \times 280 \\ \hline \end{array}$$
 168
271

14)

$$\begin{array}{r} 195 \\ \times 72 \\ \hline \end{array}$$
 194
79

15)

$$\begin{array}{r} 330 \\ \times 234 \\ \hline \end{array}$$
 255
165

16)

$$\begin{array}{r} 122 \\ \times 102 \\ \hline \end{array}$$
 168
136

17)

$$\begin{array}{r} 64 \\ \times 156 \\ \hline \end{array}$$
 37
99

18)

$$\begin{array}{r} 185 \\ \times 49 \\ \hline \end{array}$$
 257
77

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

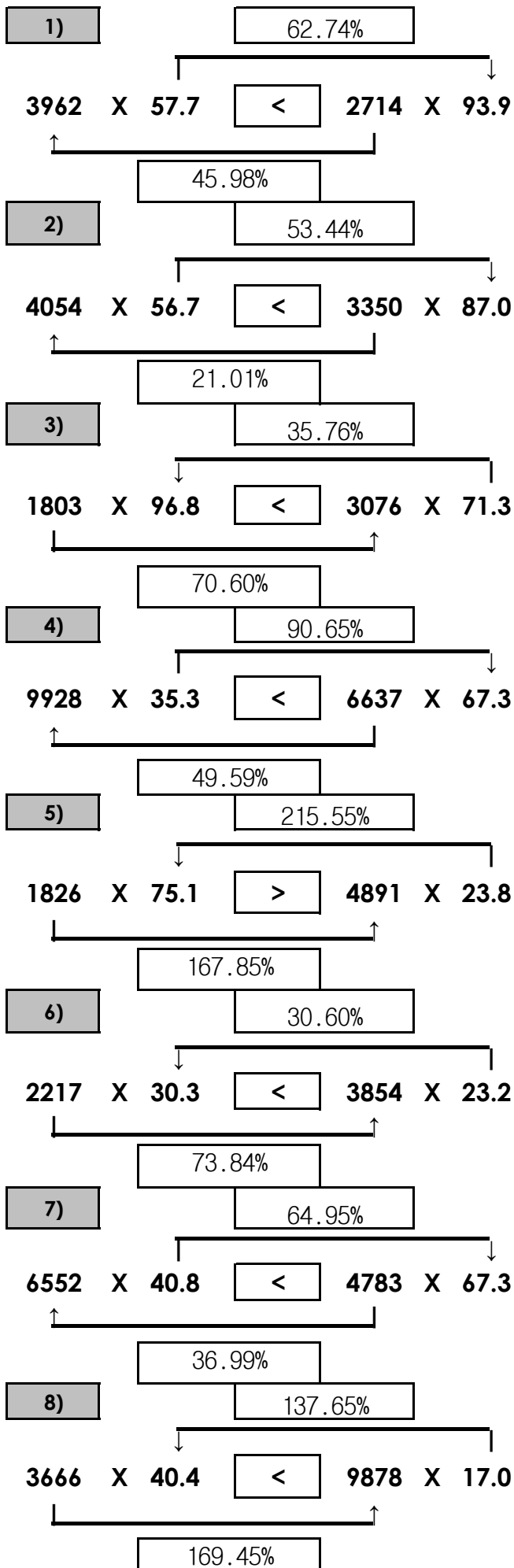
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 91 | 26.37% | 115 |
| | 255 | -> | 318 |
| | 0.357 | 24.71% | 0.362 |
| 10) | 216 | 15.74% | 250 |
| | 211 | -> | 245 |
| | 1.024 | 16.11% | 1.020 |
| 11) | 61 | 134.62% | 26 |
| | 273 | <- | 112 |
| | 0.223 | 143.75% | 0.232 |
| 12) | 277 | 26.48% | 219 |
| | 236 | <- | 201 |
| | 1.174 | 17.41% | 1.090 |
| 13) | 197 | 17.26% | 168 |
| | 280 | <- | 271 |
| | 0.704 | 3.32% | 0.620 |
| 14) | 195 | 0.52% | 194 |
| | 72 | -> | 79 |
| | 2.708 | 9.72% | 2.456 |
| 15) | 330 | 29.41% | 255 |
| | 234 | <- | 165 |
| | 1.410 | 41.82% | 1.545 |
| 16) | 122 | 37.70% | 168 |
| | 102 | -> | 136 |
| | 1.196 | 33.33% | 1.235 |
| 17) | 64 | 72.97% | 37 |
| | 156 | <- | 99 |
| | 0.410 | 57.58% | 0.374 |
| 18) | 185 | 38.92% | 257 |
| | 49 | -> | 77 |
| | 3.776 | 57.14% | 3.338 |

1)

$$\begin{array}{r} 9045 \\ \times 55.5 \\ \hline \end{array}$$
 7271 x 57.3

2)

$$\begin{array}{r} 1874 \\ \times 66.3 \\ \hline \end{array}$$
 1158 x 95.0

3)

$$\begin{array}{r} 9242 \\ \times 46.8 \\ \hline \end{array}$$
 9766 x 38.5

4)

$$\begin{array}{r} 3237 \\ \times 11.4 \\ \hline \end{array}$$
 4132 x 10.0

5)

$$\begin{array}{r} 4945 \\ \times 43.5 \\ \hline \end{array}$$
 2216 x 79.1

6)

$$\begin{array}{r} 1306 \\ \times 61.0 \\ \hline \end{array}$$
 8925 x 11.1

7)

$$\begin{array}{r} 8812 \\ \times 42.2 \\ \hline \end{array}$$
 5547 x 58.0

8)

$$\begin{array}{r} 1484 \\ \times 74.8 \\ \hline \end{array}$$
 7307 x 12.3

9)

$$\begin{array}{r} 307 \\ 305 \\ \hline \end{array}$$

$$\begin{array}{r} 116 \\ 113 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 116 \\ 191 \\ \hline \end{array}$$

$$\begin{array}{r} 101 \\ 145 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 251 \\ 188 \\ \hline \end{array}$$

$$\begin{array}{r} 322 \\ 262 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 195 \\ 71 \\ \hline \end{array}$$

$$\begin{array}{r} 197 \\ 70 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 86 \\ 250 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ 342 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 146 \\ 278 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ 282 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 202 \\ 100 \\ \hline \end{array}$$

$$\begin{array}{r} 126 \\ 69 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 181 \\ 193 \\ \hline \end{array}$$

$$\begin{array}{r} 260 \\ 261 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 280 \\ 337 \\ \hline \end{array}$$

$$\begin{array}{r} 163 \\ 205 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 278 \\ 343 \\ \hline \end{array}$$

$$\begin{array}{r} 154 \\ 213 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

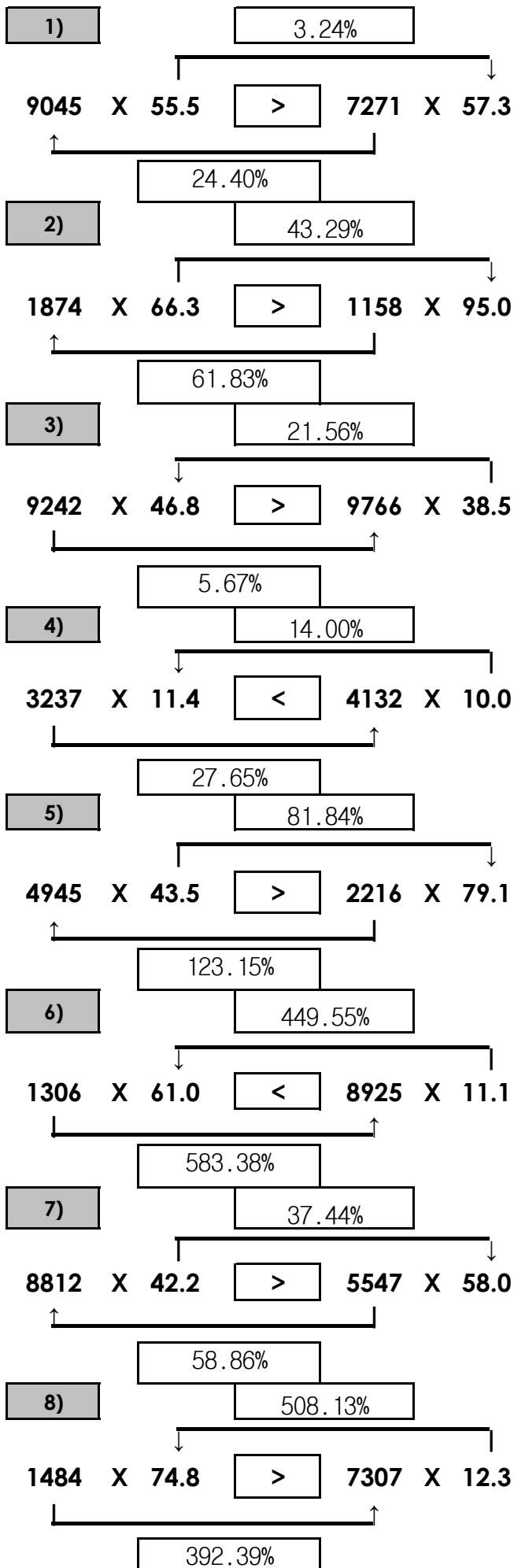
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 307 | 164.66% | 116 |
| | 305 | <- | 113 |
| | 1.007 | 169.91% | 1.027 |
| 10) | 116 | 14.85% | 101 |
| | 191 | <- | 145 |
| | 0.607 | 31.72% | 0.697 |
| 11) | 251 | 28.29% | 322 |
| | 188 | -> | 262 |
| | 1.335 | 39.36% | 1.229 |
| 12) | 195 | 1.03% | 197 |
| | 71 | -> | 70 |
| | 2.746 | 1.43% | 2.814 |
| 13) | 86 | 22.09% | 105 |
| | 250 | -> | 342 |
| | 0.344 | 36.80% | 0.307 |
| 14) | 146 | 2.82% | 142 |
| | 278 | -> | 282 |
| | 0.525 | 1.44% | 0.504 |
| 15) | 202 | 60.32% | 126 |
| | 100 | <- | 69 |
| | 2.020 | 44.93% | 1.826 |
| 16) | 181 | 43.65% | 260 |
| | 193 | -> | 261 |
| | 0.938 | 35.23% | 0.996 |
| 17) | 280 | 71.78% | 163 |
| | 337 | <- | 205 |
| | 0.831 | 64.39% | 0.795 |
| 18) | 278 | 80.52% | 154 |
| | 343 | <- | 213 |
| | 0.810 | 61.03% | 0.723 |

1)

$$7493 \times 28.1 \quad \boxed{} \quad 3186 \times 76.5$$

2)

$$5535 \times 48.2 \quad \boxed{} \quad 7333 \times 45.5$$

3)

$$9893 \times 16.9 \quad \boxed{} \quad 4313 \times 33.6$$

4)

$$6316 \times 24.4 \quad \boxed{} \quad 4250 \times 44.1$$

5)

$$5138 \times 69.6 \quad \boxed{} \quad 5702 \times 51.7$$

6)

$$4761 \times 65.2 \quad \boxed{} \quad 4437 \times 78.1$$

7)

$$9644 \times 59.6 \quad \boxed{} \quad 7449 \times 89.3$$

8)

$$4208 \times 67.8 \quad \boxed{} \quad 6745 \times 34.9$$

9)

$$\begin{array}{r} 172 \\ \hline 216 \end{array} \quad \boxed{} \quad \begin{array}{r} 117 \\ \hline 162 \end{array}$$

10)

$$\begin{array}{r} 238 \\ \hline 281 \end{array} \quad \boxed{} \quad \begin{array}{r} 131 \\ \hline 159 \end{array}$$

11)

$$\begin{array}{r} 126 \\ \hline 218 \end{array} \quad \boxed{} \quad \begin{array}{r} 98 \\ \hline 169 \end{array}$$

12)

$$\begin{array}{r} 151 \\ \hline 37 \end{array} \quad \boxed{} \quad \begin{array}{r} 209 \\ \hline 51 \end{array}$$

13)

$$\begin{array}{r} 182 \\ \hline 242 \end{array} \quad \boxed{} \quad \begin{array}{r} 285 \\ \hline 336 \end{array}$$

14)

$$\begin{array}{r} 32 \\ \hline 55 \end{array} \quad \boxed{} \quad \begin{array}{r} 93 \\ \hline 173 \end{array}$$

15)

$$\begin{array}{r} 152 \\ \hline 205 \end{array} \quad \boxed{} \quad \begin{array}{r} 198 \\ \hline 276 \end{array}$$

16)

$$\begin{array}{r} 161 \\ \hline 71 \end{array} \quad \boxed{} \quad \begin{array}{r} 259 \\ \hline 114 \end{array}$$

17)

$$\begin{array}{r} 289 \\ \hline 268 \end{array} \quad \boxed{} \quad \begin{array}{r} 332 \\ \hline 318 \end{array}$$

18)

$$\begin{array}{r} 212 \\ \hline 60 \end{array} \quad \boxed{} \quad \begin{array}{r} 109 \\ \hline 32 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

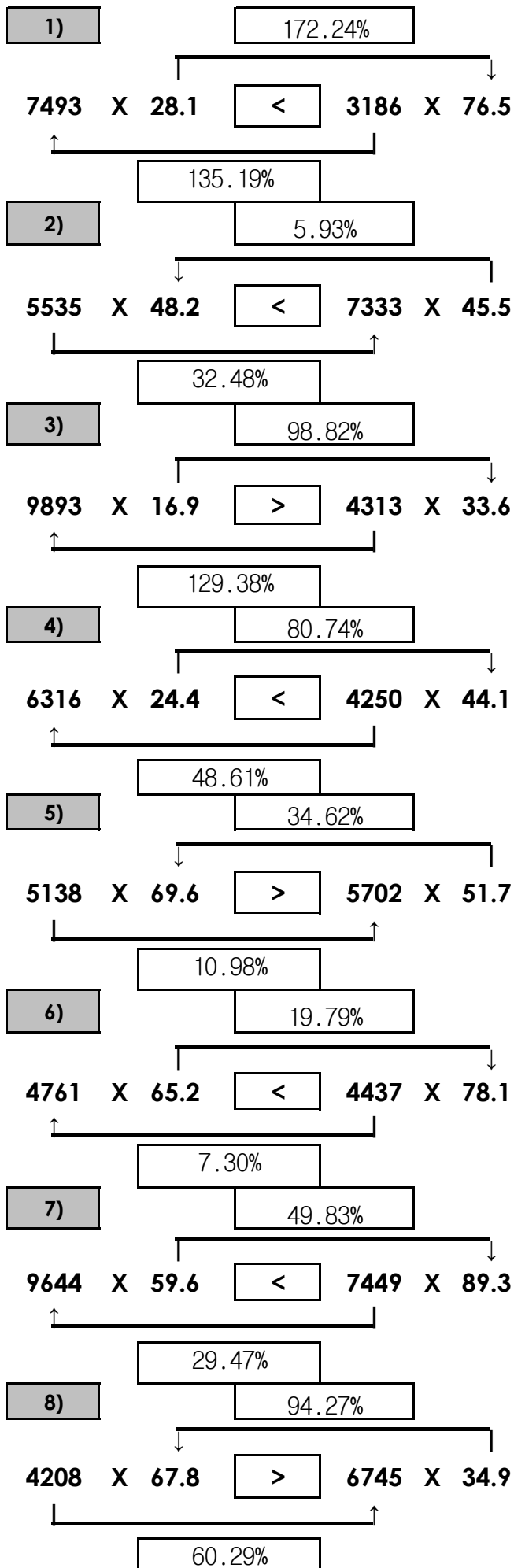
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 172 | 47.01% | 117 |
| | 216 | <- | 162 |
| | 0.796 | 33.33% | 0.722 |
| 10) | 238 | 81.68% | 131 |
| | 281 | <- | 159 |
| | 0.847 | 76.73% | 0.824 |
| 11) | 126 | 28.57% | 98 |
| | 218 | <- | 169 |
| | 0.578 | 28.99% | 0.580 |
| 12) | 151 | 38.41% | 209 |
| | 37 | -> | 51 |
| | 4.081 | 37.84% | 4.098 |
| 13) | 182 | 56.59% | 285 |
| | 242 | -> | 336 |
| | 0.752 | 38.84% | 0.848 |
| 14) | 32 | 190.63% | 93 |
| | 55 | -> | 173 |
| | 0.582 | 214.55% | 0.538 |
| 15) | 152 | 30.26% | 198 |
| | 205 | -> | 276 |
| | 0.741 | 34.63% | 0.717 |
| 16) | 161 | 60.87% | 259 |
| | 71 | -> | 114 |
| | 2.268 | 60.56% | 2.272 |
| 17) | 289 | 14.88% | 332 |
| | 268 | -> | 318 |
| | 1.078 | 18.66% | 1.044 |
| 18) | 212 | 94.50% | 109 |
| | 60 | <- | 32 |
| | 3.533 | 87.50% | 3.406 |

1)

$$4609 \times 76.0 \quad \square \quad 5639 \times 69.1$$

2)

$$3972 \times 57.2 \quad \square \quad 7642 \times 35.8$$

3)

$$4965 \times 99.2 \quad \square \quad 9305 \times 66.5$$

4)

$$4805 \times 85.3 \quad \square \quad 7860 \times 68.6$$

5)

$$5111 \times 75.5 \quad \square \quad 7171 \times 70.8$$

6)

$$7289 \times 47.6 \quad \square \quad 5851 \times 70.5$$

7)

$$8630 \times 25.4 \quad \square \quad 8355 \times 33.0$$

8)

$$2335 \times 15.8 \quad \square \quad 6936 \times 6.3$$

9)

$$\begin{array}{r} 113 \\ \hline 69 \end{array} \quad \square \quad \begin{array}{r} 116 \\ \hline 72 \end{array}$$

10)

$$\begin{array}{r} 79 \\ \hline 224 \end{array} \quad \square \quad \begin{array}{r} 73 \\ \hline 187 \end{array}$$

11)

$$\begin{array}{r} 168 \\ \hline 328 \end{array} \quad \square \quad \begin{array}{r} 145 \\ \hline 314 \end{array}$$

12)

$$\begin{array}{r} 198 \\ \hline 282 \end{array} \quad \square \quad \begin{array}{r} 230 \\ \hline 301 \end{array}$$

13)

$$\begin{array}{r} 312 \\ \hline 264 \end{array} \quad \square \quad \begin{array}{r} 317 \\ \hline 271 \end{array}$$

14)

$$\begin{array}{r} 34 \\ \hline 39 \end{array} \quad \square \quad \begin{array}{r} 171 \\ \hline 177 \end{array}$$

15)

$$\begin{array}{r} 319 \\ \hline 173 \end{array} \quad \square \quad \begin{array}{r} 216 \\ \hline 120 \end{array}$$

16)

$$\begin{array}{r} 203 \\ \hline 165 \end{array} \quad \square \quad \begin{array}{r} 143 \\ \hline 126 \end{array}$$

17)

$$\begin{array}{r} 175 \\ \hline 330 \end{array} \quad \square \quad \begin{array}{r} 160 \\ \hline 290 \end{array}$$

18)

$$\begin{array}{r} 97 \\ \hline 241 \end{array} \quad \square \quad \begin{array}{r} 140 \\ \hline 300 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

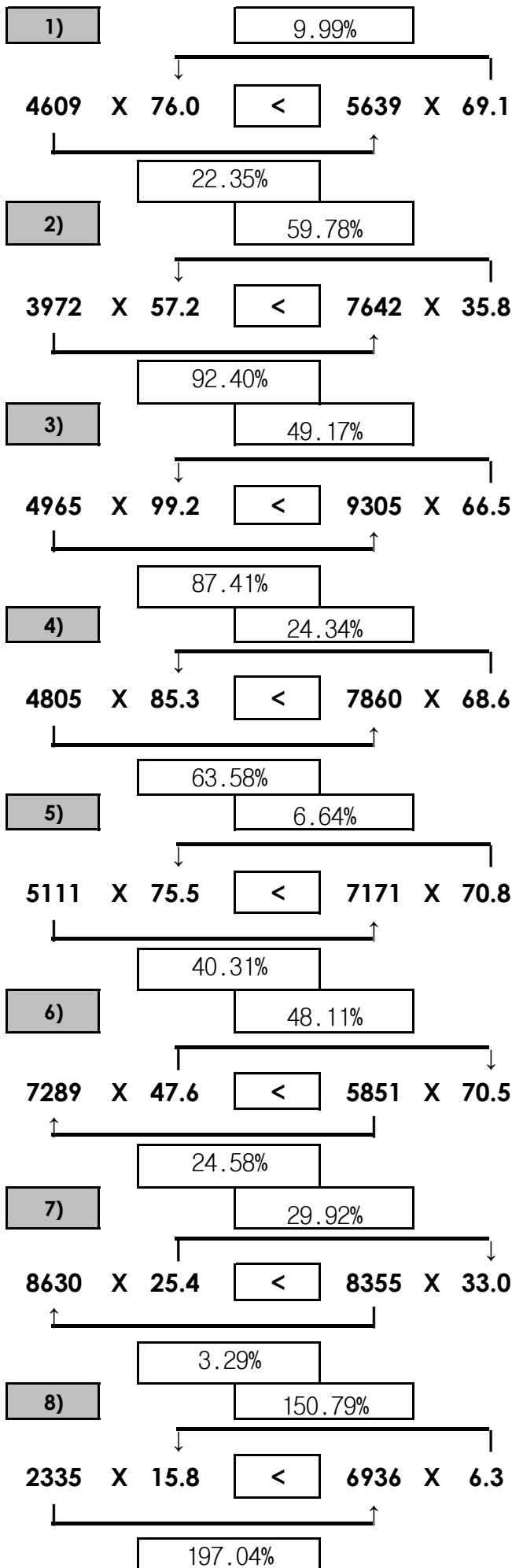
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 113 | 2.65% | 116 |
| | 69 | -> | 72 |
| | 1.638 | 4.35% | 1.611 |
| 10) | 79 | 8.22% | 73 |
| | 224 | <- | 187 |
| | 0.353 | 19.79% | 0.390 |
| 11) | 168 | 15.86% | 145 |
| | 328 | <- | 314 |
| | 0.512 | 4.46% | 0.462 |
| 12) | 198 | 16.16% | 230 |
| | 282 | -> | 301 |
| | 0.702 | 6.74% | 0.764 |
| 13) | 312 | 1.60% | 317 |
| | 264 | -> | 271 |
| | 1.182 | 2.65% | 1.170 |
| 14) | 34 | 402.94% | 171 |
| | 39 | -> | 177 |
| | 0.872 | 353.85% | 0.966 |
| 15) | 319 | 47.69% | 216 |
| | 173 | <- | 120 |
| | 1.844 | 44.17% | 1.800 |
| 16) | 203 | 41.96% | 143 |
| | 165 | <- | 126 |
| | 1.230 | 30.95% | 1.135 |
| 17) | 175 | 9.38% | 160 |
| | 330 | <- | 290 |
| | 0.530 | 13.79% | 0.552 |
| 18) | 97 | 44.33% | 140 |
| | 241 | -> | 300 |
| | 0.402 | 24.48% | 0.467 |

1)

$$\begin{array}{r} 8437 \\ \times 59.4 \\ \hline \end{array}$$
 6606 x 99.0

2)

$$\begin{array}{r} 6693 \\ \times 30.6 \\ \hline \end{array}$$
 3589 x 71.8

3)

$$\begin{array}{r} 9701 \\ \times 12.5 \\ \hline \end{array}$$
 8086 x 13.0

4)

$$\begin{array}{r} 5461 \\ \times 31.1 \\ \hline \end{array}$$
 3151 x 62.1

5)

$$\begin{array}{r} 2200 \\ \times 71.4 \\ \hline \end{array}$$
 1351 x 95.2

6)

$$\begin{array}{r} 4715 \\ \times 43.8 \\ \hline \end{array}$$
 9391 x 19.0

7)

$$\begin{array}{r} 8624 \\ \times 98.4 \\ \hline \end{array}$$
 7244 x 99.3

8)

$$\begin{array}{r} 3583 \\ \times 44.4 \\ \hline \end{array}$$
 5386 x 36.2

9)

$$\begin{array}{r} 231 \\ \times 306 \\ \hline \end{array}$$
 211
288

10)

$$\begin{array}{r} 14 \\ \times 68 \\ \hline \end{array}$$
 10
54

11)

$$\begin{array}{r} 329 \\ \times 55 \\ \hline \end{array}$$
 253
46

12)

$$\begin{array}{r} 186 \\ \times 312 \\ \hline \end{array}$$
 85
160

13)

$$\begin{array}{r} 171 \\ \times 332 \\ \hline \end{array}$$
 100
215

14)

$$\begin{array}{r} 177 \\ \times 304 \\ \hline \end{array}$$
 128
222

15)

$$\begin{array}{r} 242 \\ \times 290 \\ \hline \end{array}$$
 131
165

16)

$$\begin{array}{r} 119 \\ \times 87 \\ \hline \end{array}$$
 115
79

17)

$$\begin{array}{r} 133 \\ \times 252 \\ \hline \end{array}$$
 91
161

18)

$$\begin{array}{r} 278 \\ \times 244 \\ \hline \end{array}$$
 330
295

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

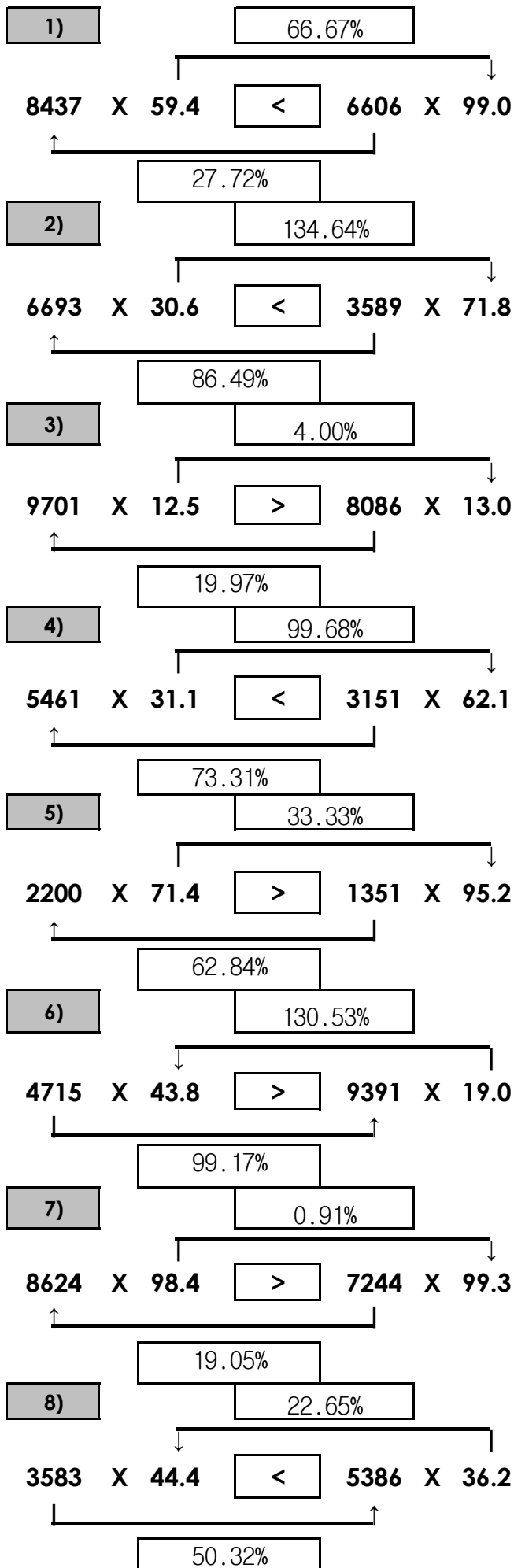
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 231 | 9.48% | 211 |
| | 306 | <- | 288 |
| | 0.755 | 6.25% | 0.733 |
| 10) | 14 | 40.00% | 10 |
| | 68 | <- | 54 |
| | 0.206 | 25.93% | 0.185 |
| 11) | 329 | 30.04% | 253 |
| | 55 | <- | 46 |
| | 5.982 | 19.57% | 5.500 |
| 12) | 186 | 118.82% | 85 |
| | 312 | <- | 160 |
| | 0.596 | 95.00% | 0.531 |
| 13) | 171 | 71.00% | 100 |
| | 332 | <- | 215 |
| | 0.515 | 54.42% | 0.465 |
| 14) | 177 | 38.28% | 128 |
| | 304 | <- | 222 |
| | 0.582 | 36.94% | 0.577 |
| 15) | 242 | 84.73% | 131 |
| | 290 | <- | 165 |
| | 0.834 | 75.76% | 0.794 |
| 16) | 119 | 3.48% | 115 |
| | 87 | <- | 79 |
| | 1.368 | 10.13% | 1.456 |
| 17) | 133 | 46.15% | 91 |
| | 252 | <- | 161 |
| | 0.528 | 56.52% | 0.565 |
| 18) | 278 | 18.71% | 330 |
| | 244 | -> | 295 |
| | 1.139 | 20.90% | 1.119 |

1)
$$\begin{array}{r} 7152 \\ \times 22.6 \\ \hline \end{array}$$

$$\begin{array}{r} 3781 \\ \times 51.2 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 3197 \\ \times 91.4 \\ \hline \end{array}$$

$$\begin{array}{r} 9040 \\ \times 40.1 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 4596 \\ \times 21.9 \\ \hline \end{array}$$

$$\begin{array}{r} 6489 \\ \times 13.6 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 9280 \\ \times 38.9 \\ \hline \end{array}$$

$$\begin{array}{r} 3377 \\ \times 92.1 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 5839 \\ \times 74.8 \\ \hline \end{array}$$

$$\begin{array}{r} 9887 \\ \times 56.8 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 4248 \\ \times 18.7 \\ \hline \end{array}$$

$$\begin{array}{r} 1744 \\ \times 51.1 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 4256 \\ \times 44.0 \\ \hline \end{array}$$

$$\begin{array}{r} 3243 \\ \times 74.9 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 9730 \\ \times 8.2 \\ \hline \end{array}$$

$$\begin{array}{r} 8867 \\ \times 11.6 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 147 \\ 173 \\ \hline \end{array}$$

$$\begin{array}{r} 266 \\ 319 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 203 \\ 272 \\ \hline \end{array}$$

$$\begin{array}{r} 245 \\ 298 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 34 \\ 123 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ 327 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 271 \\ 289 \\ \hline \end{array}$$

$$\begin{array}{r} 121 \\ 147 \\ \hline \end{array}$$

13)
$$\begin{array}{r} 218 \\ 143 \\ \hline \end{array}$$

$$\begin{array}{r} 303 \\ 197 \\ \hline \end{array}$$

14)
$$\begin{array}{r} 206 \\ 84 \\ \hline \end{array}$$

$$\begin{array}{r} 270 \\ 95 \\ \hline \end{array}$$

15)
$$\begin{array}{r} 53 \\ 39 \\ \hline \end{array}$$

$$\begin{array}{r} 330 \\ 221 \\ \hline \end{array}$$

16)
$$\begin{array}{r} 212 \\ 286 \\ \hline \end{array}$$

$$\begin{array}{r} 251 \\ 306 \\ \hline \end{array}$$

17)
$$\begin{array}{r} 308 \\ 240 \\ \hline \end{array}$$

$$\begin{array}{r} 333 \\ 231 \\ \hline \end{array}$$

18)
$$\begin{array}{r} 254 \\ 291 \\ \hline \end{array}$$

$$\begin{array}{r} 259 \\ 294 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

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3'00"~3'30" : Average

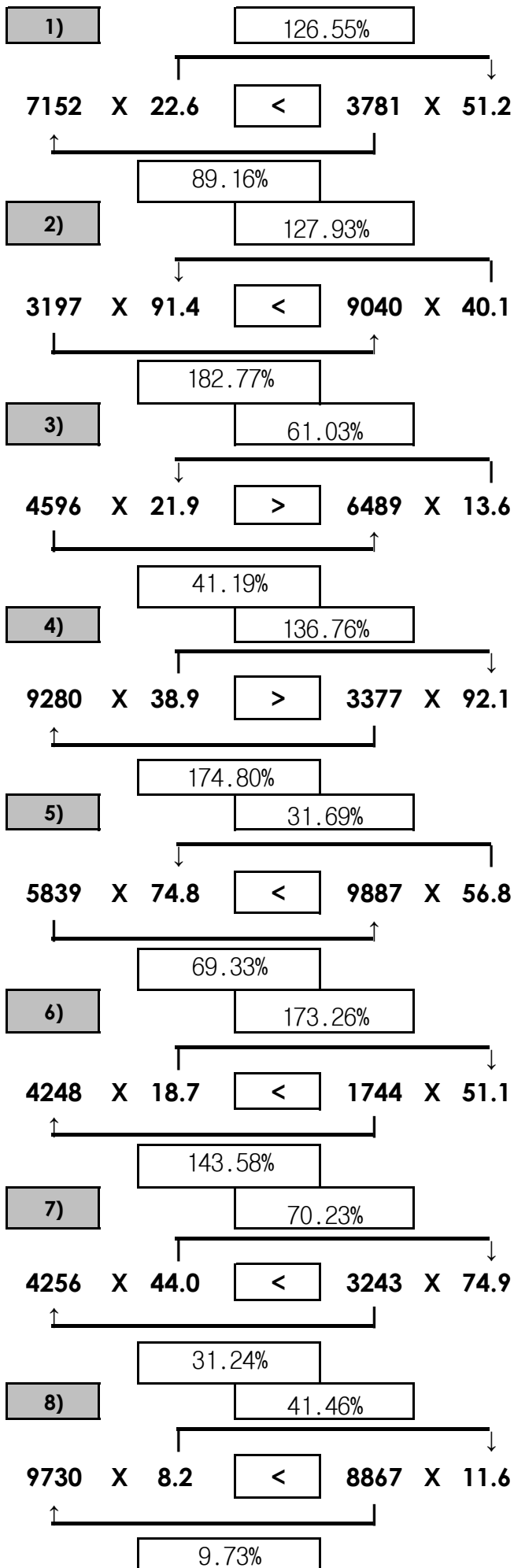
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Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 147 | 80.95% | 266 |
| | 173 | -> | 319 |
| | 0.850 | 84.39% | 0.834 |
| 10) | 203 | 20.69% | 245 |
| | 272 | -> | 298 |
| | 0.746 | 9.56% | 0.822 |
| 11) | 34 | 164.71% | 90 |
| | 123 | -> | 327 |
| | 0.276 | 165.85% | 0.275 |
| 12) | 271 | 123.97% | 121 |
| | 289 | <- | 147 |
| | 0.938 | 96.60% | 0.823 |
| 13) | 218 | 38.99% | 303 |
| | 143 | -> | 197 |
| | 1.524 | 37.76% | 1.538 |
| 14) | 206 | 31.07% | 270 |
| | 84 | -> | 95 |
| | 2.452 | 13.10% | 2.842 |
| 15) | 53 | 522.64% | 330 |
| | 39 | -> | 221 |
| | 1.359 | 466.67% | 1.493 |
| 16) | 212 | 18.40% | 251 |
| | 286 | -> | 306 |
| | 0.741 | 6.99% | 0.820 |
| 17) | 308 | 8.12% | 333 |
| | 240 | <- | 231 |
| | 1.283 | 3.90% | 1.442 |
| 18) | 254 | 1.97% | 259 |
| | 291 | -> | 294 |
| | 0.873 | 1.03% | 0.881 |

1)

$$\begin{array}{r} 5818 \\ \times 41.6 \\ \hline \end{array}$$
 9668 x 30.2

2)

$$\begin{array}{r} 3547 \\ \times 66.2 \\ \hline \end{array}$$
 4724 x 44.1

3)

$$\begin{array}{r} 3499 \\ \times 79.8 \\ \hline \end{array}$$
 8763 x 37.6

4)

$$\begin{array}{r} 10002 \\ \times 43.3 \\ \hline \end{array}$$
 5643 x 67.0

5)

$$\begin{array}{r} 2220 \\ \times 83.7 \\ \hline \end{array}$$
 3789 x 55.1

6)

$$\begin{array}{r} 6219 \\ \times 43.5 \\ \hline \end{array}$$
 3343 x 67.9

7)

$$\begin{array}{r} 9394 \\ \times 42.6 \\ \hline \end{array}$$
 6944 x 67.3

8)

$$\begin{array}{r} 1489 \\ \times 18.8 \\ \hline \end{array}$$
 7021 x 5.0

9)

$$\begin{array}{r} 95 \\ \times 209 \\ \hline \end{array}$$
 103
227

10)

$$\begin{array}{r} 163 \\ \times 77 \\ \hline \end{array}$$
 198
97

11)

$$\begin{array}{r} 142 \\ \times 126 \\ \hline \end{array}$$
 180
175

12)

$$\begin{array}{r} 80 \\ \times 231 \\ \hline \end{array}$$
 107
341

13)

$$\begin{array}{r} 210 \\ \times 166 \\ \hline \end{array}$$
 327
267

14)

$$\begin{array}{r} 85 \\ \times 222 \\ \hline \end{array}$$
 121
336

15)

$$\begin{array}{r} 72 \\ \times 245 \\ \hline \end{array}$$
 11
39

16)

$$\begin{array}{r} 87 \\ \times 142 \\ \hline \end{array}$$
 81
130

17)

$$\begin{array}{r} 186 \\ \times 63 \\ \hline \end{array}$$
 249
83

18)

$$\begin{array}{r} 35 \\ \times 104 \\ \hline \end{array}$$
 108
308

[Click here for a new set of problems](#)

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| 3) | 112.23% | 3499 X 79.8 < 8763 X 37.6 | 150.44% |
| 4) | 54.73% | 10002 X 43.3 > 5643 X 67.0 | 77.25% |
| 5) | 51.91% | 2220 X 83.7 < 3789 X 55.1 | 70.68% |
| 6) | 56.09% | 6219 X 43.5 > 3343 X 67.9 | 86.03% |
| 7) | 57.98% | 9394 X 42.6 < 6944 X 67.3 | 35.28% |
| 8) | 276.00% | 1489 X 18.8 < 7021 X 5.0 | 371.52% |

| | | | |
|-----|---------------------|--------------------------|---------------------|
| 9) | 95 209 0.455 | 8.42% -> 8.61% | 103 227 0.454 |
| 10) | 163 77 2.117 | 21.47% -> 25.97% | 198 97 2.041 |
| 11) | 142 126 1.127 | 26.76% -> 38.89% | 180 175 1.029 |
| 12) | 80 231 0.346 | 33.75% -> 47.62% | 107 341 0.314 |
| 13) | 210 166 1.265 | 55.71% -> 60.84% | 327 267 1.225 |
| 14) | 85 222 0.383 | 42.35% -> 51.35% | 121 336 0.360 |
| 15) | 72 245 0.294 | 554.55% -< 528.21% | 11 39 0.282 |
| 16) | 87 142 0.613 | 7.41% -< 9.23% | 81 130 0.623 |
| 17) | 186 63 2.952 | 33.87% -> 31.75% | 249 83 3.000 |
| 18) | 35 104 0.337 | 208.57% -> 196.15% | 108 308 0.351 |

1)

$$\begin{array}{r} 5818 \\ \times 41.6 \\ \hline \end{array}$$
 9668 x 30.2

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| | | | |
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$$\begin{array}{r} 186 \\ \times 63 \\ \hline \end{array}$$
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83

18)

$$\begin{array}{r} 35 \\ \times 104 \\ \hline \end{array}$$
 108
308

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 249
83

18)

$$\begin{array}{r} 35 \\ \times 104 \\ \hline \end{array}$$
 108
308

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| | | | |
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1)

$$2162 \times 83.6 \quad \square \quad 4257 \times 34.9$$

2)

$$9960 \times 18.4 \quad \square \quad 2671 \times 86.1$$

3)

$$7787 \times 23.5 \quad \square \quad 9649 \times 16.6$$

4)

$$6541 \times 88.8 \quad \square \quad 9378 \times 71.9$$

5)

$$6018 \times 46.8 \quad \square \quad 5112 \times 72.9$$

6)

$$4106 \times 12.4 \quad \square \quad 6611 \times 9.4$$

7)

$$7283 \times 14.4 \quad \square \quad 2573 \times 45.6$$

8)

$$2549 \times 48.0 \quad \square \quad 8399 \times 16.5$$

9)

$$\begin{array}{r} 152 \\ \hline 290 \end{array} \quad \square \quad \begin{array}{r} 100 \\ \hline 175 \end{array}$$

10)

$$\begin{array}{r} 171 \\ \hline 320 \end{array} \quad \square \quad \begin{array}{r} 165 \\ \hline 269 \end{array}$$

11)

$$\begin{array}{r} 251 \\ \hline 230 \end{array} \quad \square \quad \begin{array}{r} 70 \\ \hline 68 \end{array}$$

12)

$$\begin{array}{r} 98 \\ \hline 116 \end{array} \quad \square \quad \begin{array}{r} 220 \\ \hline 272 \end{array}$$

13)

$$\begin{array}{r} 181 \\ \hline 120 \end{array} \quad \square \quad \begin{array}{r} 197 \\ \hline 131 \end{array}$$

14)

$$\begin{array}{r} 218 \\ \hline 315 \end{array} \quad \square \quad \begin{array}{r} 188 \\ \hline 255 \end{array}$$

15)

$$\begin{array}{r} 33 \\ \hline 77 \end{array} \quad \square \quad \begin{array}{r} 121 \\ \hline 311 \end{array}$$

16)

$$\begin{array}{r} 265 \\ \hline 340 \end{array} \quad \square \quad \begin{array}{r} 196 \\ \hline 234 \end{array}$$

17)

$$\begin{array}{r} 168 \\ \hline 229 \end{array} \quad \square \quad \begin{array}{r} 159 \\ \hline 209 \end{array}$$

18)

$$\begin{array}{r} 157 \\ \hline 193 \end{array} \quad \square \quad \begin{array}{r} 56 \\ \hline 66 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

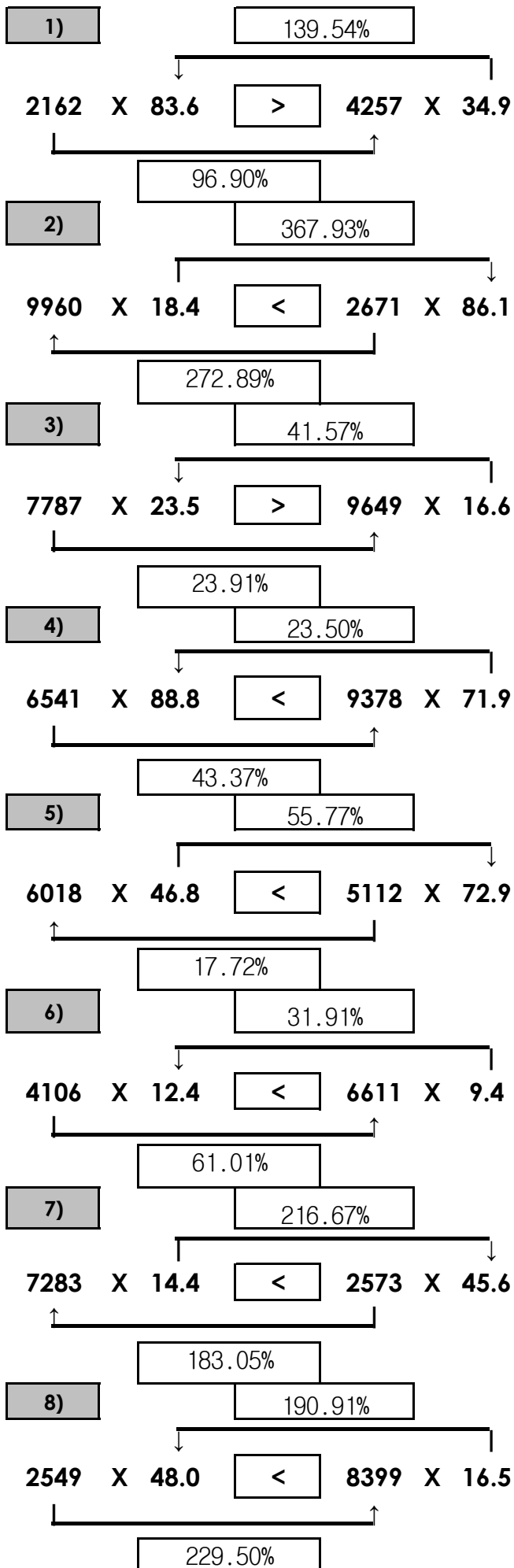
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 152 | 52.00% | 100 |
| | 290 | <- | 175 |
| | 0.524 | 65.71% | 0.571 |
| 10) | 171 | 3.64% | 165 |
| | 320 | <- | 269 |
| | 0.534 | 18.96% | 0.613 |
| 11) | 251 | 258.57% | 70 |
| | 230 | <- | 68 |
| | 1.091 | 238.24% | 1.029 |
| 12) | 98 | 124.49% | 220 |
| | 116 | -> | 272 |
| | 0.845 | 134.48% | 0.809 |
| 13) | 181 | 8.84% | 197 |
| | 120 | -> | 131 |
| | 1.508 | 9.17% | 1.504 |
| 14) | 218 | 15.96% | 188 |
| | 315 | <- | 255 |
| | 0.692 | 23.53% | 0.737 |
| 15) | 33 | 266.67% | 121 |
| | 77 | -> | 311 |
| | 0.429 | 303.90% | 0.389 |
| 16) | 265 | 35.20% | 196 |
| | 340 | <- | 234 |
| | 0.779 | 45.30% | 0.838 |
| 17) | 168 | 5.66% | 159 |
| | 229 | <- | 209 |
| | 0.734 | 9.57% | 0.761 |
| 18) | 157 | 180.36% | 56 |
| | 193 | <- | 66 |
| | 0.813 | 192.42% | 0.848 |

1)

$$8574 \times 62.0 \quad \boxed{} \quad 6740 \times 94.9$$

2)

$$4046 \times 46.6 \quad \boxed{} \quad 1619 \times 94.2$$

3)

$$9712 \times 42.8 \quad \boxed{} \quad 7984 \times 63.8$$

4)

$$5658 \times 14.8 \quad \boxed{} \quad 4625 \times 16.0$$

5)

$$5538 \times 94.3 \quad \boxed{} \quad 8521 \times 73.5$$

6)

$$4348 \times 56.2 \quad \boxed{} \quad 8992 \times 33.3$$

7)

$$3534 \times 39.0 \quad \boxed{} \quad 6300 \times 28.6$$

8)

$$2999 \times 19.4 \quad \boxed{} \quad 5125 \times 13.4$$

9)

$$\begin{array}{r} 308 \\ 169 \overline{) } \\ 258 \\ \hline 153 \end{array}$$

10)

$$\begin{array}{r} 258 \\ 138 \overline{) } \\ 317 \\ \hline 162 \end{array}$$

11)

$$\begin{array}{r} 332 \\ 318 \overline{) } \\ 317 \\ \hline 290 \end{array}$$

12)

$$\begin{array}{r} 295 \\ 215 \overline{) } \\ 267 \\ \hline 183 \end{array}$$

13)

$$\begin{array}{r} 237 \\ 182 \overline{) } \\ 74 \\ \hline 60 \end{array}$$

14)

$$\begin{array}{r} 108 \\ 328 \overline{) } \\ 101 \\ \hline 325 \end{array}$$

15)

$$\begin{array}{r} 22 \\ 93 \overline{) } \\ 44 \\ \hline 210 \end{array}$$

16)

$$\begin{array}{r} 93 \\ 27 \overline{) } \\ 301 \\ \hline 92 \end{array}$$

17)

$$\begin{array}{r} 115 \\ 143 \overline{) } \\ 230 \\ \hline 303 \end{array}$$

18)

$$\begin{array}{r} 98 \\ 141 \overline{) } \\ 154 \\ \hline 194 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

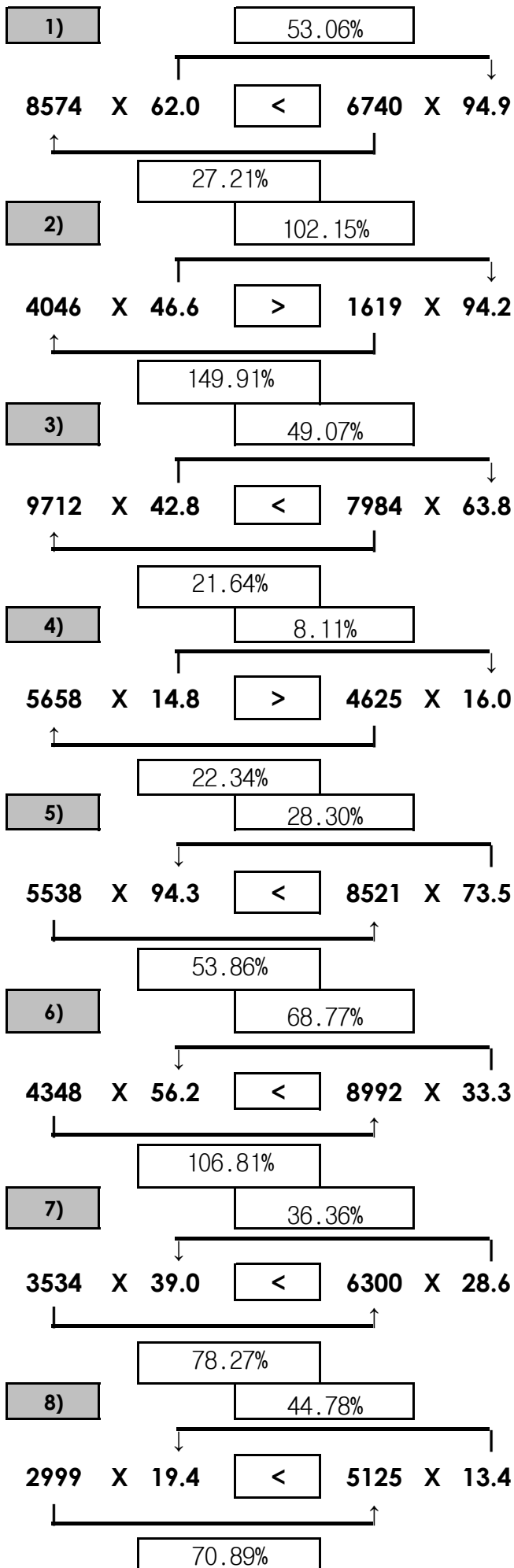
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 308 | 19.38% | 258 |
| | 169 | <- | 153 |
| | 1.822 | 10.46% | 1.686 |
| 10) | 258 | 22.87% | 317 |
| | 138 | -> | 162 |
| | 1.870 | 17.39% | 1.957 |
| 11) | 332 | 4.73% | 317 |
| | 318 | <- | 290 |
| | 1.044 | 9.66% | 1.093 |
| 12) | 295 | 10.49% | 267 |
| | 215 | <- | 183 |
| | 1.372 | 17.49% | 1.459 |
| 13) | 237 | 220.27% | 74 |
| | 182 | <- | 60 |
| | 1.302 | 203.33% | 1.233 |
| 14) | 108 | 6.93% | 101 |
| | 328 | <- | 325 |
| | 0.329 | 0.92% | 0.311 |
| 15) | 22 | 100.00% | 44 |
| | 93 | -> | 210 |
| | 0.237 | 125.81% | 0.210 |
| 16) | 93 | 223.66% | 301 |
| | 27 | -> | 92 |
| | 3.444 | 240.74% | 3.272 |
| 17) | 115 | 100.00% | 230 |
| | 143 | -> | 303 |
| | 0.804 | 111.89% | 0.759 |
| 18) | 98 | 57.14% | 154 |
| | 141 | -> | 194 |
| | 0.695 | 37.59% | 0.794 |

1)

$$\begin{array}{r} 3359 \\ \times 8.9 \\ \hline \end{array}$$
 1330 x 26.8

2)

$$\begin{array}{r} 3135 \\ \times 20.7 \\ \hline \end{array}$$
 5281 x 14.9

3)

$$\begin{array}{r} 4058 \\ \times 61.2 \\ \hline \end{array}$$
 7072 x 42.5

4)

$$\begin{array}{r} 3122 \\ \times 77.1 \\ \hline \end{array}$$
 4816 x 43.9

5)

$$\begin{array}{r} 4500 \\ \times 29.7 \\ \hline \end{array}$$
 4235 x 38.9

6)

$$\begin{array}{r} 1939 \\ \times 91.4 \\ \hline \end{array}$$
 9028 x 16.7

7)

$$\begin{array}{r} 2604 \\ \times 88.8 \\ \hline \end{array}$$
 7691 x 39.0

8)

$$\begin{array}{r} 7679 \\ \times 46.7 \\ \hline \end{array}$$
 4141 x 69.8

9)

$$\begin{array}{r} 274 \\ \times 76 \\ \hline \end{array}$$
 207
52

10)

$$\begin{array}{r} 229 \\ \times 94 \\ \hline \end{array}$$
 175
77

11)

$$\begin{array}{r} 97 \\ \times 174 \\ \hline \end{array}$$
 130
215

12)

$$\begin{array}{r} 8 \\ \times 60 \\ \hline \end{array}$$
 31
251

13)

$$\begin{array}{r} 71 \\ \times 224 \\ \hline \end{array}$$
 60
180

14)

$$\begin{array}{r} 221 \\ \times 155 \\ \hline \end{array}$$
 123
91

15)

$$\begin{array}{r} 73 \\ \times 212 \\ \hline \end{array}$$
 115
294

16)

$$\begin{array}{r} 331 \\ \times 237 \\ \hline \end{array}$$
 312
219

17)

$$\begin{array}{r} 84 \\ \times 284 \\ \hline \end{array}$$
 89
301

18)

$$\begin{array}{r} 193 \\ \times 115 \\ \hline \end{array}$$
 283
156

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민

| | | |
|----|---------|---------------------------|
| 1) | 201.12% | 3359 X 8.9 < 1330 X 26.8 |
| 2) | 152.56% | 3135 X 20.7 < 5281 X 14.9 |
| 3) | 38.93% | 4058 X 61.2 < 7072 X 42.5 |
| 4) | 68.45% | 3122 X 77.1 > 4816 X 43.9 |
| 5) | 44.00% | 4500 X 29.7 < 4235 X 38.9 |
| 6) | 74.27% | 1939 X 91.4 > 9028 X 16.7 |
| 7) | 75.63% | 2604 X 88.8 < 7691 X 39.0 |
| 8) | 54.26% | 7679 X 46.7 > 4141 X 69.8 |
| | 30.98% | |
| | 6.26% | |
| | 447.31% | |
| | 365.60% | |
| | 127.69% | |
| | 195.35% | |
| | 49.46% | |
| | 85.44% | |

| | | | |
|-----|-------|---------|-------|
| 9) | 274 | 32.37% | 207 |
| | 76 | <- | 52 |
| | 3.605 | 46.15% | 3.981 |
| 10) | 229 | 30.86% | 175 |
| | 94 | <- | 77 |
| | 2.436 | 22.08% | 2.273 |
| 11) | 97 | 34.02% | 130 |
| | 174 | -> | 215 |
| | 0.557 | 23.56% | 0.605 |
| 12) | 8 | 287.50% | 31 |
| | 60 | -> | 251 |
| | 0.133 | 318.33% | 0.124 |
| 13) | 71 | 18.33% | 60 |
| | 224 | <- | 180 |
| | 0.317 | 24.44% | 0.333 |
| 14) | 221 | 79.67% | 123 |
| | 155 | <- | 91 |
| | 1.426 | 70.33% | 1.352 |
| 15) | 73 | 57.53% | 115 |
| | 212 | -> | 294 |
| | 0.344 | 38.68% | 0.391 |
| 16) | 331 | 6.09% | 312 |
| | 237 | <- | 219 |
| | 1.397 | 8.22% | 1.425 |
| 17) | 84 | 5.95% | 89 |
| | 284 | -> | 301 |
| | 0.296 | 5.99% | 0.296 |
| 18) | 193 | 46.63% | 283 |
| | 115 | -> | 156 |
| | 1.678 | 35.65% | 1.814 |

1)

$$\begin{array}{r} 8543 \\ \times 44.5 \\ \hline \end{array}$$
 7054 x 70.1

2)

$$\begin{array}{r} 9726 \\ \times 10.6 \\ \hline \end{array}$$
 5040 x 24.9

3)

$$\begin{array}{r} 1239 \\ \times 41.1 \\ \hline \end{array}$$
 2119 x 28.9

4)

$$\begin{array}{r} 7628 \\ \times 50.5 \\ \hline \end{array}$$
 6057 x 82.3

5)

$$\begin{array}{r} 2419 \\ \times 79.7 \\ \hline \end{array}$$
 5830 x 28.1

6)

$$\begin{array}{r} 7673 \\ \times 63.3 \\ \hline \end{array}$$
 7312 x 80.6

7)

$$\begin{array}{r} 9529 \\ \times 67.2 \\ \hline \end{array}$$
 5985 x 88.0

8)

$$\begin{array}{r} 8340 \\ \times 40.9 \\ \hline \end{array}$$
 7414 x 56.7

9)

$$\begin{array}{r} 227 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 216 \\ \times 35 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 12 \\ \times 125 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 164 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 246 \\ \times 199 \\ \hline \end{array}$$

$$\begin{array}{r} 307 \\ \times 260 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 243 \\ \times 235 \\ \hline \end{array}$$

$$\begin{array}{r} 282 \\ \times 246 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 51 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 284 \\ \times 146 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 205 \\ \times 209 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ \times 300 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 191 \\ \times 299 \\ \hline \end{array}$$

$$\begin{array}{r} 202 \\ \times 321 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 242 \\ \times 122 \\ \hline \end{array}$$

$$\begin{array}{r} 302 \\ \times 150 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 331 \\ \times 236 \\ \hline \end{array}$$

$$\begin{array}{r} 314 \\ \times 215 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 152 \\ \times 116 \\ \hline \end{array}$$

$$\begin{array}{r} 149 \\ \times 122 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

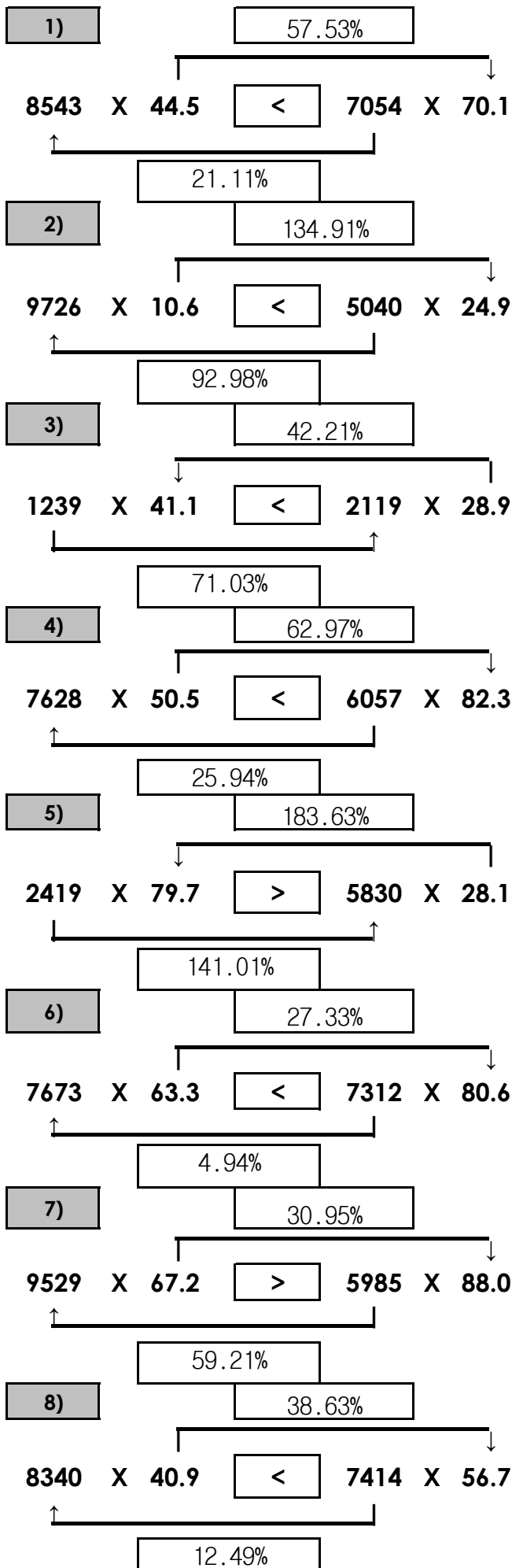
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 227 | 5.09% | 216 |
| | 34 | <- | 35 |
| | 6.676 | -> | 6.171 |
| 10) | 12 | 41.67% | 17 |
| | 125 | -> | 164 |
| | 0.096 | 31.20% | 0.104 |
| 11) | 246 | 24.80% | 307 |
| | 199 | -> | 260 |
| | 1.236 | 30.65% | 1.181 |
| 12) | 243 | 16.05% | 282 |
| | 235 | -> | 246 |
| | 1.034 | 4.68% | 1.146 |
| 13) | 51 | 456.86% | 284 |
| | 23 | -> | 146 |
| | 2.217 | 534.78% | 1.945 |
| 14) | 205 | 39.02% | 285 |
| | 209 | -> | 300 |
| | 0.981 | 43.54% | 0.950 |
| 15) | 191 | 5.76% | 202 |
| | 299 | -> | 321 |
| | 0.639 | 7.36% | 0.629 |
| 16) | 242 | 24.79% | 302 |
| | 122 | -> | 150 |
| | 1.984 | 22.95% | 2.013 |
| 17) | 331 | 5.41% | 314 |
| | 236 | <- | 215 |
| | 1.403 | 9.77% | 1.460 |
| 18) | 152 | 2.01% | 149 |
| | 116 | <- | 122 |
| | 1.310 | 5.17% | 1.221 |

1)

$$\begin{array}{r} 8543 \\ \times 44.5 \\ \hline \end{array}$$
 7054 x 70.1

2)

$$\begin{array}{r} 9726 \\ \times 10.6 \\ \hline \end{array}$$
 5040 x 24.9

3)

$$\begin{array}{r} 1239 \\ \times 41.1 \\ \hline \end{array}$$
 2119 x 28.9

4)

$$\begin{array}{r} 7628 \\ \times 50.5 \\ \hline \end{array}$$
 6057 x 82.3

5)

$$\begin{array}{r} 2419 \\ \times 79.7 \\ \hline \end{array}$$
 5830 x 28.1

6)

$$\begin{array}{r} 7673 \\ \times 63.3 \\ \hline \end{array}$$
 7312 x 80.6

7)

$$\begin{array}{r} 9529 \\ \times 67.2 \\ \hline \end{array}$$
 5985 x 88.0

8)

$$\begin{array}{r} 8340 \\ \times 40.9 \\ \hline \end{array}$$
 7414 x 56.7

9)

$$\begin{array}{r} 227 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 216 \\ \times 35 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 12 \\ \times 125 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 164 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 246 \\ \times 199 \\ \hline \end{array}$$

$$\begin{array}{r} 307 \\ \times 260 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 243 \\ \times 235 \\ \hline \end{array}$$

$$\begin{array}{r} 282 \\ \times 246 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 51 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 284 \\ \times 146 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 205 \\ \times 209 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ \times 300 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 191 \\ \times 299 \\ \hline \end{array}$$

$$\begin{array}{r} 202 \\ \times 321 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 242 \\ \times 122 \\ \hline \end{array}$$

$$\begin{array}{r} 302 \\ \times 150 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 331 \\ \times 236 \\ \hline \end{array}$$

$$\begin{array}{r} 314 \\ \times 215 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 152 \\ \times 116 \\ \hline \end{array}$$

$$\begin{array}{r} 149 \\ \times 122 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

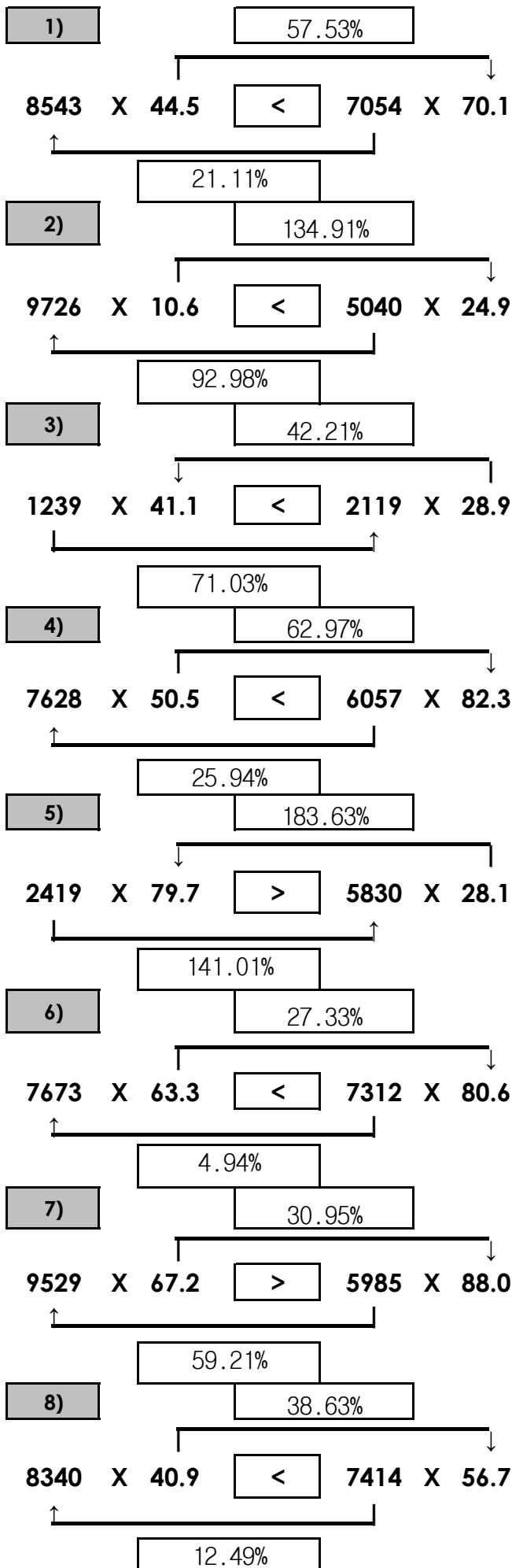
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M Multiplication

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 227 | 5.09% | 216 |
| | 34 | <- | 35 |
| | 6.676 | -> | 6.171 |
| 10) | 12 | 41.67% | 17 |
| | 125 | -> | 164 |
| | 0.096 | 31.20% | 0.104 |
| 11) | 246 | 24.80% | 307 |
| | 199 | -> | 260 |
| | 1.236 | 30.65% | 1.181 |
| 12) | 243 | 16.05% | 282 |
| | 235 | -> | 246 |
| | 1.034 | 4.68% | 1.146 |
| 13) | 51 | 456.86% | 284 |
| | 23 | -> | 146 |
| | 2.217 | 534.78% | 1.945 |
| 14) | 205 | 39.02% | 285 |
| | 209 | -> | 300 |
| | 0.981 | 43.54% | 0.950 |
| 15) | 191 | 5.76% | 202 |
| | 299 | -> | 321 |
| | 0.639 | 7.36% | 0.629 |
| 16) | 242 | 24.79% | 302 |
| | 122 | -> | 150 |
| | 1.984 | 22.95% | 2.013 |
| 17) | 331 | 5.41% | 314 |
| | 236 | <- | 215 |
| | 1.403 | 9.77% | 1.460 |
| 18) | 152 | 2.01% | 149 |
| | 116 | <- | 122 |
| | 1.310 | 5.17% | 1.221 |

1)

$$\begin{array}{r} 8411 \\ \times 78.8 \\ \hline \end{array}$$
 7106 x 82.1

2)

$$\begin{array}{r} 8298 \\ \times 66.3 \\ \hline \end{array}$$
 9745 x 47.5

3)

$$\begin{array}{r} 7925 \\ \times 19.1 \\ \hline \end{array}$$
 4196 x 32.0

4)

$$\begin{array}{r} 8332 \\ \times 64.6 \\ \hline \end{array}$$
 6304 x 72.7

5)

$$\begin{array}{r} 7586 \\ \times 15.4 \\ \hline \end{array}$$
 3622 x 36.0

6)

$$\begin{array}{r} 4248 \\ \times 94.8 \\ \hline \end{array}$$
 4374 x 80.0

7)

$$\begin{array}{r} 8355 \\ \times 25.1 \\ \hline \end{array}$$
 4217 x 43.2

8)

$$\begin{array}{r} 8093 \\ \times 25.9 \\ \hline \end{array}$$
 2321 x 75.7

9)

$$\begin{array}{r} 254 \\ 182 \\ \hline \end{array}$$

$$\begin{array}{r} 335 \\ 240 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 320 \\ 159 \\ \hline \end{array}$$

$$\begin{array}{r} 288 \\ 142 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 96 \\ 86 \\ \hline \end{array}$$

$$\begin{array}{r} 246 \\ 218 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 153 \\ 290 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ 195 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 122 \\ 316 \\ \hline \end{array}$$

$$\begin{array}{r} 133 \\ 327 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 103 \\ 88 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ 79 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 165 \\ 333 \\ \hline \end{array}$$

$$\begin{array}{r} 144 \\ 273 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 322 \\ 213 \\ \hline \end{array}$$

$$\begin{array}{r} 198 \\ 119 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 260 \\ 132 \\ \hline \end{array}$$

$$\begin{array}{r} 326 \\ 163 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 258 \\ 108 \\ \hline \end{array}$$

$$\begin{array}{r} 157 \\ 58 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

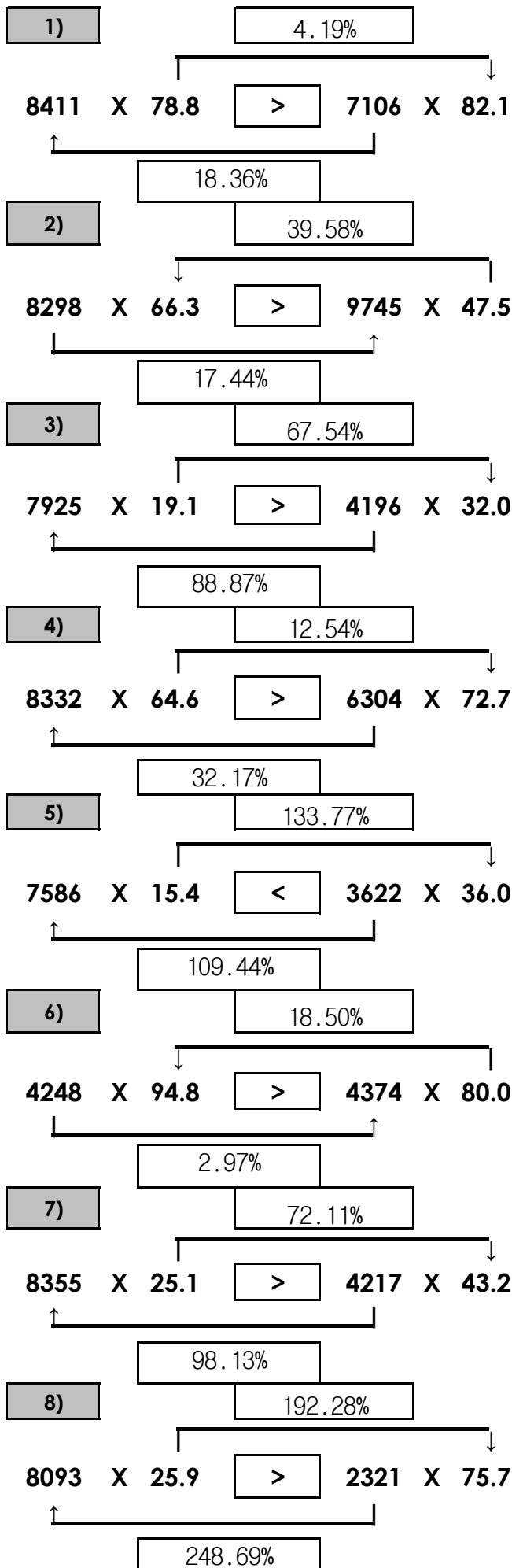
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 254 | 31.89% | 335 |
| | 182 | -> | 240 |
| | 1.396 | 31.87% | 1.396 |
| 10) | 320 | 11.11% | 288 |
| | 159 | <- | 142 |
| | 2.013 | 11.97% | 2.028 |
| 11) | 96 | 156.25% | 246 |
| | 86 | -> | 218 |
| | 1.116 | 153.49% | 1.128 |
| 12) | 153 | 57.73% | 97 |
| | 290 | <- | 195 |
| | 0.528 | 48.72% | 0.497 |
| 13) | 122 | 9.02% | 133 |
| | 316 | -> | 327 |
| | 0.386 | 3.48% | 0.407 |
| 14) | 103 | 19.77% | 86 |
| | 88 | <- | 79 |
| | 1.170 | 11.39% | 1.089 |
| 15) | 165 | 14.58% | 144 |
| | 333 | <- | 273 |
| | 0.495 | 21.98% | 0.527 |
| 16) | 322 | 62.63% | 198 |
| | 213 | <- | 119 |
| | 1.512 | 78.99% | 1.664 |
| 17) | 260 | 25.38% | 326 |
| | 132 | -> | 163 |
| | 1.970 | 23.48% | 2.000 |
| 18) | 258 | 64.33% | 157 |
| | 108 | <- | 58 |
| | 2.389 | 86.21% | 2.707 |

1)

$$8411 \times 78.8 \quad \square \quad 7106 \times 82.1$$

2)

$$8298 \times 66.3 \quad \square \quad 9745 \times 47.5$$

3)

$$7925 \times 19.1 \quad \square \quad 4196 \times 32.0$$

4)

$$8332 \times 64.6 \quad \square \quad 6304 \times 72.7$$

5)

$$7586 \times 15.4 \quad \square \quad 3622 \times 36.0$$

6)

$$4248 \times 94.8 \quad \square \quad 4374 \times 80.0$$

7)

$$8355 \times 25.1 \quad \square \quad 4217 \times 43.2$$

8)

$$8093 \times 25.9 \quad \square \quad 2321 \times 75.7$$

9)

$$\begin{array}{r} 254 \\ 182 \end{array} \quad \square \quad \begin{array}{r} 335 \\ 240 \end{array}$$

10)

$$\begin{array}{r} 320 \\ 159 \end{array} \quad \square \quad \begin{array}{r} 288 \\ 142 \end{array}$$

11)

$$\begin{array}{r} 96 \\ 86 \end{array} \quad \square \quad \begin{array}{r} 246 \\ 218 \end{array}$$

12)

$$\begin{array}{r} 153 \\ 290 \end{array} \quad \square \quad \begin{array}{r} 97 \\ 195 \end{array}$$

13)

$$\begin{array}{r} 122 \\ 316 \end{array} \quad \square \quad \begin{array}{r} 133 \\ 327 \end{array}$$

14)

$$\begin{array}{r} 103 \\ 88 \end{array} \quad \square \quad \begin{array}{r} 86 \\ 79 \end{array}$$

15)

$$\begin{array}{r} 165 \\ 333 \end{array} \quad \square \quad \begin{array}{r} 144 \\ 273 \end{array}$$

16)

$$\begin{array}{r} 322 \\ 213 \end{array} \quad \square \quad \begin{array}{r} 198 \\ 119 \end{array}$$

17)

$$\begin{array}{r} 260 \\ 132 \end{array} \quad \square \quad \begin{array}{r} 326 \\ 163 \end{array}$$

18)

$$\begin{array}{r} 258 \\ 108 \end{array} \quad \square \quad \begin{array}{r} 157 \\ 58 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

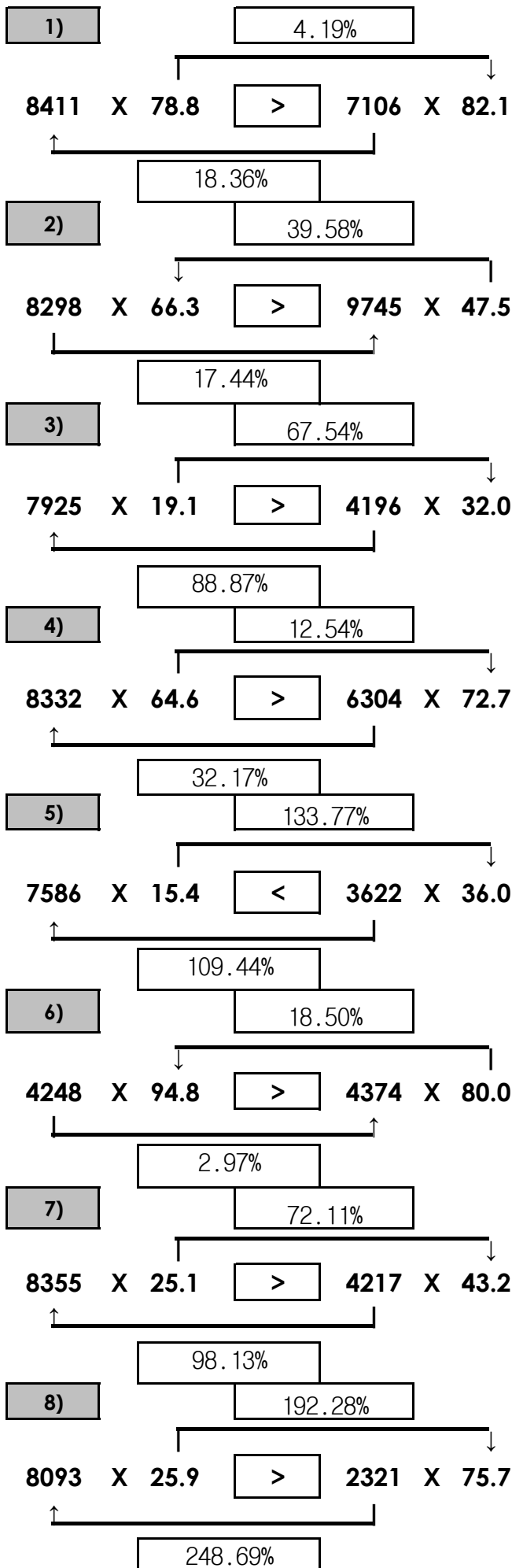
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 254 | 31.89% | 335 |
| | 182 | -> | 240 |
| | 1.396 | 31.87% | 1.396 |
| 10) | 320 | 11.11% | 288 |
| | 159 | <- | 142 |
| | 2.013 | 11.97% | 2.028 |
| 11) | 96 | 156.25% | 246 |
| | 86 | -> | 218 |
| | 1.116 | 153.49% | 1.128 |
| 12) | 153 | 57.73% | 97 |
| | 290 | <- | 195 |
| | 0.528 | 48.72% | 0.497 |
| 13) | 122 | 9.02% | 133 |
| | 316 | -> | 327 |
| | 0.386 | 3.48% | 0.407 |
| 14) | 103 | 19.77% | 86 |
| | 88 | <- | 79 |
| | 1.170 | 11.39% | 1.089 |
| 15) | 165 | 14.58% | 144 |
| | 333 | <- | 273 |
| | 0.495 | 21.98% | 0.527 |
| 16) | 322 | 62.63% | 198 |
| | 213 | <- | 119 |
| | 1.512 | 78.99% | 1.664 |
| 17) | 260 | 25.38% | 326 |
| | 132 | -> | 163 |
| | 1.970 | 23.48% | 2.000 |
| 18) | 258 | 64.33% | 157 |
| | 108 | <- | 58 |
| | 2.389 | 86.21% | 2.707 |

1)

$$\begin{array}{r} 2974 \\ \times 4.3 \\ \hline \end{array}$$
 4636 x 3.5

2)

$$\begin{array}{r} 2600 \\ \times 91.1 \\ \hline \end{array}$$
 7283 x 40.7

3)

$$\begin{array}{r} 2560 \\ \times 81.2 \\ \hline \end{array}$$
 9013 x 29.8

4)

$$\begin{array}{r} 3392 \\ \times 34.6 \\ \hline \end{array}$$
 1646 x 89.1

5)

$$\begin{array}{r} 7774 \\ \times 55.2 \\ \hline \end{array}$$
 5385 x 94.8

6)

$$\begin{array}{r} 9903 \\ \times 18.3 \\ \hline \end{array}$$
 3139 x 66.0

7)

$$\begin{array}{r} 3679 \\ \times 82.8 \\ \hline \end{array}$$
 4651 x 75.3

8)

$$\begin{array}{r} 6061 \\ \times 69.1 \\ \hline \end{array}$$
 4706 x 78.2

9)

$$\begin{array}{r} 196 \\ \times 53 \\ \hline \end{array}$$
 212
59

10)

$$\begin{array}{r} 301 \\ \times 215 \\ \hline \end{array}$$
 213
172

11)

$$\begin{array}{r} 117 \\ \times 33 \\ \hline \end{array}$$
 214
58

12)

$$\begin{array}{r} 101 \\ \times 190 \\ \hline \end{array}$$
 77
133

13)

$$\begin{array}{r} 86 \\ \times 204 \\ \hline \end{array}$$
 48
99

14)

$$\begin{array}{r} 64 \\ \times 27 \\ \hline \end{array}$$
 62
29

15)

$$\begin{array}{r} 220 \\ \times 239 \\ \hline \end{array}$$
 291
322

16)

$$\begin{array}{r} 300 \\ \times 189 \\ \hline \end{array}$$
 292
187

17)

$$\begin{array}{r} 317 \\ \times 174 \\ \hline \end{array}$$
 153
78

18)

$$\begin{array}{r} 198 \\ \times 241 \\ \hline \end{array}$$
 313
341

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

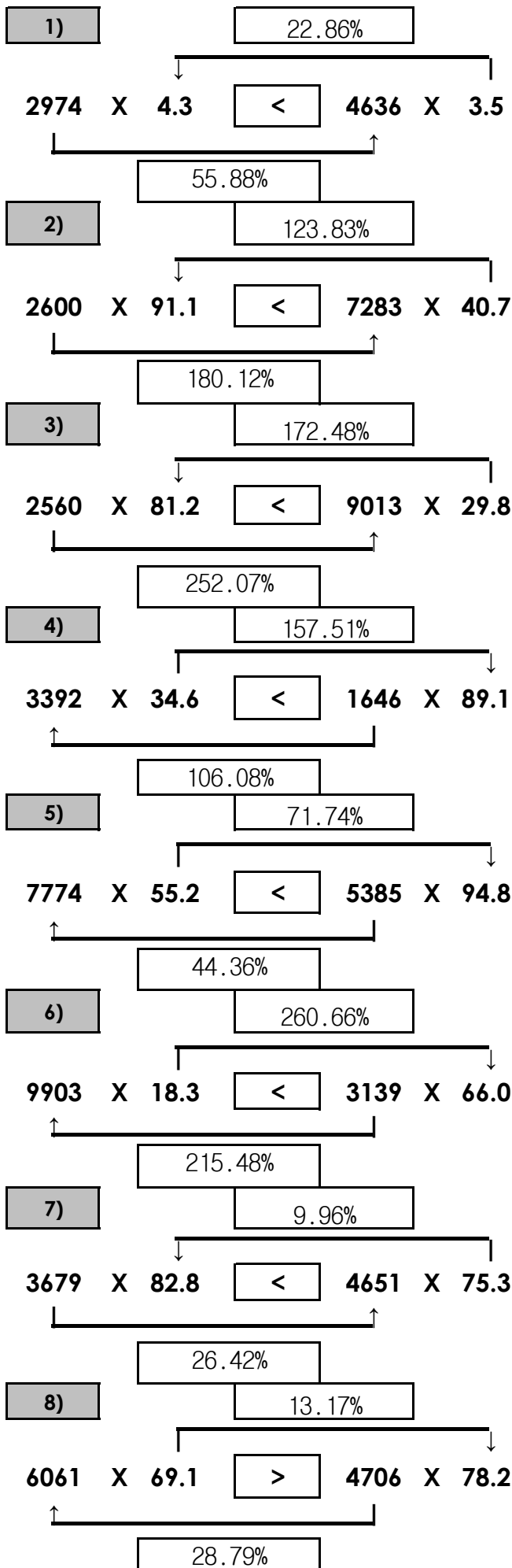
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 196 | 8.16% | 212 |
| | 53 | -> | 59 |
| | 3.698 | 11.32% | 3.593 |
| 10) | 301 | 41.31% | 213 |
| | 215 | <- | 172 |
| | 1.400 | 25.00% | 1.238 |
| 11) | 117 | 82.91% | 214 |
| | 33 | -> | 58 |
| | 3.545 | 75.76% | 3.690 |
| 12) | 101 | 31.17% | 77 |
| | 190 | <- | 133 |
| | 0.532 | 42.86% | 0.579 |
| 13) | 86 | 79.17% | 48 |
| | 204 | <- | 99 |
| | 0.422 | 106.06% | 0.485 |
| 14) | 64 | 3.23% | 62 |
| | 27 | <- | 29 |
| | 2.370 | 7.41% | 2.138 |
| 15) | 220 | 32.27% | 291 |
| | 239 | -> | 322 |
| | 0.921 | 34.73% | 0.904 |
| 16) | 300 | 2.74% | 292 |
| | 189 | <- | 187 |
| | 1.587 | 1.07% | 1.561 |
| 17) | 317 | 107.19% | 153 |
| | 174 | <- | 78 |
| | 1.822 | 123.08% | 1.962 |
| 18) | 198 | 58.08% | 313 |
| | 241 | -> | 341 |
| | 0.822 | 41.49% | 0.918 |

1)

$$\begin{array}{r} 2250 \\ \times 57.4 \\ \hline \end{array}$$
 9083 x 17.3

2)

$$\begin{array}{r} 2307 \\ \times 97.4 \\ \hline \end{array}$$
 8763 x 31.0

3)

$$\begin{array}{r} 2454 \\ \times 64.5 \\ \hline \end{array}$$
 4871 x 40.0

4)

$$\begin{array}{r} 8308 \\ \times 14.2 \\ \hline \end{array}$$
 1038 x 97.6

5)

$$\begin{array}{r} 3076 \\ \times 50.4 \\ \hline \end{array}$$
 2257 x 58.4

6)

$$\begin{array}{r} 2553 \\ \times 39.2 \\ \hline \end{array}$$
 1316 x 94.0

7)

$$\begin{array}{r} 9659 \\ \times 45.0 \\ \hline \end{array}$$
 6892 x 83.3

8)

$$\begin{array}{r} 5955 \\ \times 50.8 \\ \hline \end{array}$$
 8182 x 45.9

9)

$$\begin{array}{r} 185 \\ \times 211 \\ \hline \end{array}$$

$$\begin{array}{r} 199 \\ \times 217 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 296 \\ \times 203 \\ \hline \end{array}$$

$$\begin{array}{r} 332 \\ \times 237 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 275 \\ \times 281 \\ \hline \end{array}$$

$$\begin{array}{r} 296 \\ \times 330 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 184 \\ \times 102 \\ \hline \end{array}$$

$$\begin{array}{r} 278 \\ \times 138 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 332 \\ \times 262 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ \times 52 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 277 \\ \times 334 \\ \hline \end{array}$$

$$\begin{array}{r} 213 \\ \times 268 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 127 \\ \times 198 \\ \hline \end{array}$$

$$\begin{array}{r} 215 \\ \times 318 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 264 \\ \times 256 \\ \hline \end{array}$$

$$\begin{array}{r} 304 \\ \times 265 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 29 \\ \times 237 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 231 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 168 \\ \times 93 \\ \hline \end{array}$$

$$\begin{array}{r} 310 \\ \times 194 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

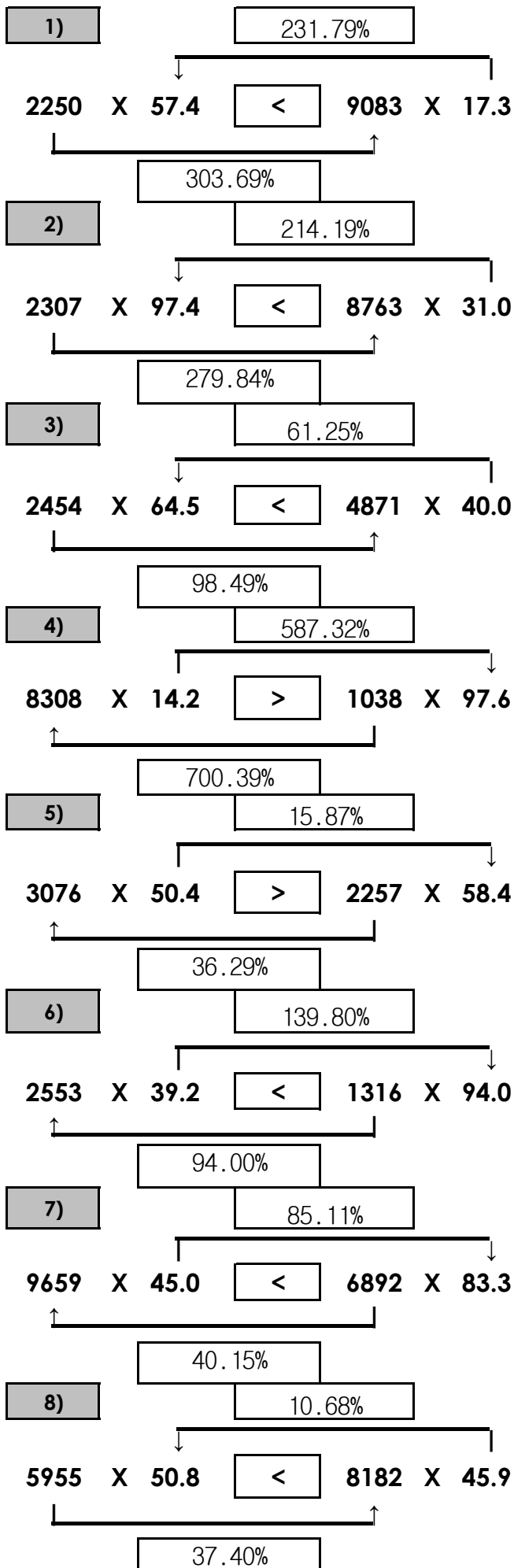
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 185 | 7.57% | 199 |
| | 211 | -> | 217 |
| | 0.877 | 2.84% | 0.917 |
| 10) | 296 | 12.16% | 332 |
| | 203 | -> | 237 |
| | 1.458 | 16.75% | 1.401 |
| 11) | 275 | 7.64% | 296 |
| | 281 | -> | 330 |
| | 0.979 | 17.44% | 0.897 |
| 12) | 184 | 51.09% | 278 |
| | 102 | -> | 138 |
| | 1.804 | 35.29% | 2.014 |
| 13) | 332 | 403.03% | 66 |
| | 262 | <- | 52 |
| | 1.267 | 403.85% | 1.269 |
| 14) | 277 | 30.05% | 213 |
| | 334 | <- | 268 |
| | 0.829 | 24.63% | 0.795 |
| 15) | 127 | 69.29% | 215 |
| | 198 | -> | 318 |
| | 0.641 | 60.61% | 0.676 |
| 16) | 264 | 15.15% | 304 |
| | 256 | -> | 265 |
| | 1.031 | 3.52% | 1.147 |
| 17) | 29 | 10.34% | 32 |
| | 237 | <- | 231 |
| | 0.122 | 2.60% | 0.139 |
| 18) | 168 | 84.52% | 310 |
| | 93 | -> | 194 |
| | 1.806 | 108.60% | 1.598 |

1)

$$6448 \times 68.7 \quad \square \quad 5271 \times 99.3$$

2)

$$4524 \times 96.3 \quad \square \quad 8491 \times 64.2$$

3)

$$7513 \times 48.1 \quad \square \quad 6645 \times 63.6$$

4)

$$4183 \times 94.1 \quad \square \quad 7898 \times 61.1$$

5)

$$7613 \times 64.7 \quad \square \quad 7760 \times 53.3$$

6)

$$3388 \times 48.7 \quad \square \quad 2195 \times 99.6$$

7)

$$8505 \times 69.1 \quad \square \quad 5594 \times 90.1$$

8)

$$2932 \times 74.6 \quad \square \quad 4000 \times 64.4$$

9)

$$\begin{array}{r} 223 \\ \hline 292 \end{array} \quad \square \quad \begin{array}{r} 205 \\ \hline 280 \end{array}$$

10)

$$\begin{array}{r} 140 \\ \hline 122 \end{array} \quad \square \quad \begin{array}{r} 300 \\ \hline 237 \end{array}$$

11)

$$\begin{array}{r} 168 \\ \hline 95 \end{array} \quad \square \quad \begin{array}{r} 131 \\ \hline 82 \end{array}$$

12)

$$\begin{array}{r} 157 \\ \hline 98 \end{array} \quad \square \quad \begin{array}{r} 290 \\ \hline 181 \end{array}$$

13)

$$\begin{array}{r} 134 \\ \hline 292 \end{array} \quad \square \quad \begin{array}{r} 170 \\ \hline 320 \end{array}$$

14)

$$\begin{array}{r} 140 \\ \hline 249 \end{array} \quad \square \quad \begin{array}{r} 204 \\ \hline 337 \end{array}$$

15)

$$\begin{array}{r} 129 \\ \hline 209 \end{array} \quad \square \quad \begin{array}{r} 211 \\ \hline 327 \end{array}$$

16)

$$\begin{array}{r} 148 \\ \hline 186 \end{array} \quad \square \quad \begin{array}{r} 263 \\ \hline 306 \end{array}$$

17)

$$\begin{array}{r} 247 \\ \hline 145 \end{array} \quad \square \quad \begin{array}{r} 288 \\ \hline 191 \end{array}$$

18)

$$\begin{array}{r} 205 \\ \hline 342 \end{array} \quad \square \quad \begin{array}{r} 146 \\ \hline 268 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

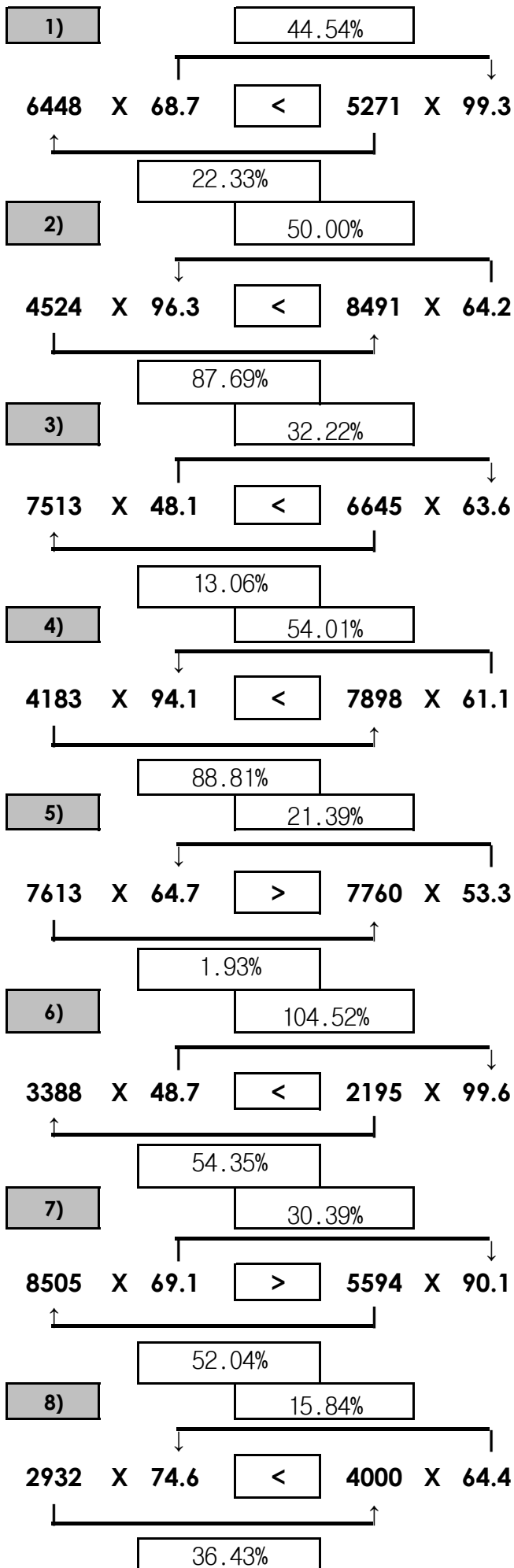
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 223 | 8.78% | 205 |
| | 292 | <- | 280 |
| | 0.764 | 4.29% | 0.732 |
| 10) | 140 | 114.29% | 300 |
| | 122 | -> | 237 |
| | 1.148 | 94.26% | 1.266 |
| 11) | 168 | 28.24% | 131 |
| | 95 | <- | 82 |
| | 1.768 | 15.85% | 1.598 |
| 12) | 157 | 84.71% | 290 |
| | 98 | -> | 181 |
| | 1.602 | 84.69% | 1.602 |
| 13) | 134 | 26.87% | 170 |
| | 292 | -> | 320 |
| | 0.459 | 9.59% | 0.531 |
| 14) | 140 | 45.71% | 204 |
| | 249 | -> | 337 |
| | 0.562 | 35.34% | 0.605 |
| 15) | 129 | 63.57% | 211 |
| | 209 | -> | 327 |
| | 0.617 | 56.46% | 0.645 |
| 16) | 148 | 77.70% | 263 |
| | 186 | -> | 306 |
| | 0.796 | 64.52% | 0.859 |
| 17) | 247 | 16.60% | 288 |
| | 145 | -> | 191 |
| | 1.703 | 31.72% | 1.508 |
| 18) | 205 | 40.41% | 146 |
| | 342 | <- | 268 |
| | 0.599 | 27.61% | 0.545 |

1)

$$6110 \times 71.7 \quad \boxed{} \quad 3833 \times 98.5$$

2)

$$8894 \times 66.0 \quad \boxed{} \quad 6957 \times 99.2$$

3)

$$6847 \times 89.8 \quad \boxed{} \quad 7005 \times 75.6$$

4)

$$9486 \times 28.6 \quad \boxed{} \quad 7402 \times 32.4$$

5)

$$6355 \times 50.0 \quad \boxed{} \quad 6077 \times 58.5$$

6)

$$8969 \times 86.6 \quad \boxed{} \quad 7288 \times 91.9$$

7)

$$6443 \times 44.1 \quad \boxed{} \quad 4137 \times 61.0$$

8)

$$5104 \times 39.6 \quad \boxed{} \quad 8113 \times 20.8$$

9)

$$\begin{array}{r} 216 \\ \hline 169 \end{array} \quad \boxed{} \quad \begin{array}{r} 333 \\ \hline 285 \end{array}$$

10)

$$\begin{array}{r} 221 \\ \hline 298 \end{array} \quad \boxed{} \quad \begin{array}{r} 98 \\ \hline 122 \end{array}$$

11)

$$\begin{array}{r} 328 \\ \hline 144 \end{array} \quad \boxed{} \quad \begin{array}{r} 309 \\ \hline 154 \end{array}$$

12)

$$\begin{array}{r} 205 \\ \hline 160 \end{array} \quad \boxed{} \quad \begin{array}{r} 327 \\ \hline 243 \end{array}$$

13)

$$\begin{array}{r} 287 \\ \hline 120 \end{array} \quad \boxed{} \quad \begin{array}{r} 319 \\ \hline 141 \end{array}$$

14)

$$\begin{array}{r} 43 \\ \hline 79 \end{array} \quad \boxed{} \quad \begin{array}{r} 99 \\ \hline 166 \end{array}$$

15)

$$\begin{array}{r} 317 \\ \hline 217 \end{array} \quad \boxed{} \quad \begin{array}{r} 304 \\ \hline 197 \end{array}$$

16)

$$\begin{array}{r} 77 \\ \hline 198 \end{array} \quad \boxed{} \quad \begin{array}{r} 83 \\ \hline 194 \end{array}$$

17)

$$\begin{array}{r} 266 \\ \hline 314 \end{array} \quad \boxed{} \quad \begin{array}{r} 264 \\ \hline 313 \end{array}$$

18)

$$\begin{array}{r} 232 \\ \hline 340 \end{array} \quad \boxed{} \quad \begin{array}{r} 252 \\ \hline 319 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

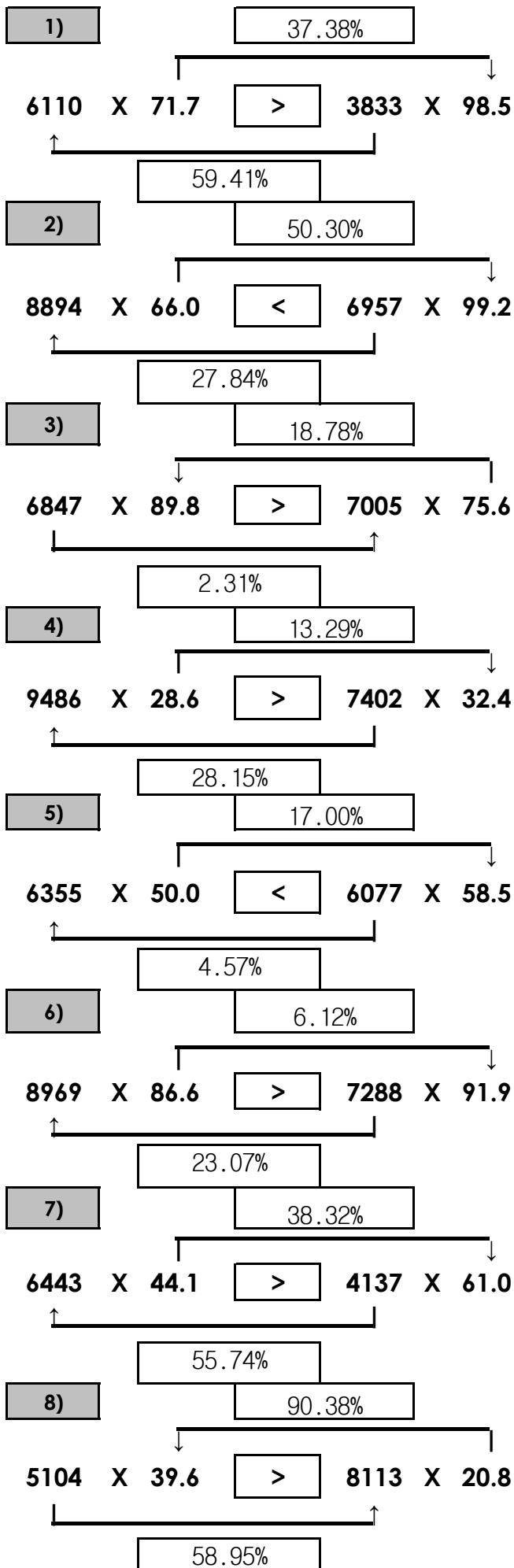
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|---------------------|---------------------------|---------------------|
| 9) | 216 169 1.278 | 54.17% -> 68.64% | 333 285 1.168 |
| 10) | 221 298 0.742 | 125.51% -<- 144.26% | 98 122 0.803 |
| 11) | 328 144 2.278 | 6.15% -<- 6.94% | 309 154 2.006 |
| 12) | 205 160 1.281 | 59.51% -> 51.88% | 327 243 1.346 |
| 13) | 287 120 2.392 | 11.15% -> 17.50% | 319 141 2.262 |
| 14) | 43 79 0.544 | 130.23% -> 110.13% | 99 166 0.596 |
| 15) | 317 217 1.461 | 4.28% -<- 10.15% | 304 197 1.543 |
| 16) | 77 198 0.389 | 7.79% -> 2.06% | 83 194 0.428 |
| 17) | 266 314 0.847 | 0.76% -<- 0.32% | 264 313 0.843 |
| 18) | 232 340 0.682 | 8.62% -> 6.58% | 252 319 0.790 |

1)

$$6554 \times 31.5 \quad \boxed{} \quad 3782 \times 47.2$$

2)

$$9347 \times 22.8 \quad \boxed{} \quad 3524 \times 75.3$$

3)

$$2796 \times 42.8 \quad \boxed{} \quad 2035 \times 76.3$$

4)

$$5662 \times 96.3 \quad \boxed{} \quad 8684 \times 70.5$$

5)

$$2652 \times 96.3 \quad \boxed{} \quad 6366 \times 49.7$$

6)

$$7579 \times 41.9 \quad \boxed{} \quad 3984 \times 88.9$$

7)

$$2683 \times 30.5 \quad \boxed{} \quad 1254 \times 53.3$$

8)

$$6100 \times 35.2 \quad \boxed{} \quad 4408 \times 62.9$$

9)

$$\begin{array}{r} 92 \\ \hline 260 \end{array} \quad \boxed{} \quad \begin{array}{r} 70 \\ \hline 207 \end{array}$$

10)

$$\begin{array}{r} 261 \\ \hline 204 \end{array} \quad \boxed{} \quad \begin{array}{r} 220 \\ \hline 151 \end{array}$$

11)

$$\begin{array}{r} 216 \\ \hline 264 \end{array} \quad \boxed{} \quad \begin{array}{r} 268 \\ \hline 319 \end{array}$$

12)

$$\begin{array}{r} 175 \\ \hline 256 \end{array} \quad \boxed{} \quad \begin{array}{r} 101 \\ \hline 146 \end{array}$$

13)

$$\begin{array}{r} 188 \\ \hline 133 \end{array} \quad \boxed{} \quad \begin{array}{r} 141 \\ \hline 97 \end{array}$$

14)

$$\begin{array}{r} 25 \\ \hline 87 \end{array} \quad \boxed{} \quad \begin{array}{r} 53 \\ \hline 207 \end{array}$$

15)

$$\begin{array}{r} 150 \\ \hline 248 \end{array} \quad \boxed{} \quad \begin{array}{r} 120 \\ \hline 189 \end{array}$$

16)

$$\begin{array}{r} 152 \\ \hline 24 \end{array} \quad \boxed{} \quad \begin{array}{r} 285 \\ \hline 47 \end{array}$$

17)

$$\begin{array}{r} 64 \\ \hline 171 \end{array} \quad \boxed{} \quad \begin{array}{r} 118 \\ \hline 315 \end{array}$$

18)

$$\begin{array}{r} 178 \\ \hline 105 \end{array} \quad \boxed{} \quad \begin{array}{r} 143 \\ \hline 84 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

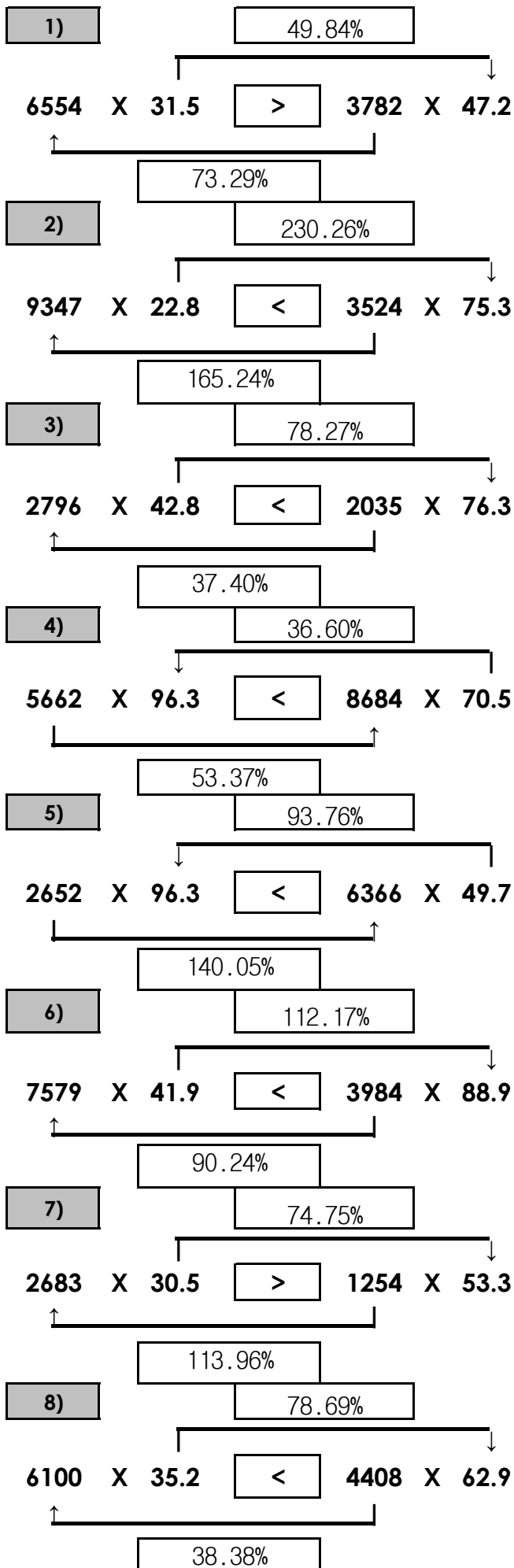
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 92 | 31.43% | 70 |
| | 260 | <- | 207 |
| | 0.354 | 25.60% | 0.338 |
| 10) | 261 | 18.64% | 220 |
| | 204 | <- | 151 |
| | 1.279 | 35.10% | 1.457 |
| 11) | 216 | 24.07% | 268 |
| | 264 | -> | 319 |
| | 0.818 | 20.83% | 0.840 |
| 12) | 175 | 73.27% | 101 |
| | 256 | <- | 146 |
| | 0.684 | 75.34% | 0.692 |
| 13) | 188 | 33.33% | 141 |
| | 133 | <- | 97 |
| | 1.414 | 37.11% | 1.454 |
| 14) | 25 | 112.00% | 53 |
| | 87 | -> | 207 |
| | 0.287 | 137.93% | 0.256 |
| 15) | 150 | 25.00% | 120 |
| | 248 | <- | 189 |
| | 0.605 | 31.22% | 0.635 |
| 16) | 152 | 87.50% | 285 |
| | 24 | -> | 47 |
| | 6.333 | 95.83% | 6.064 |
| 17) | 64 | 84.38% | 118 |
| | 171 | -> | 315 |
| | 0.374 | 84.21% | 0.375 |
| 18) | 178 | 24.48% | 143 |
| | 105 | <- | 84 |
| | 1.695 | 25.00% | 1.702 |

1)

$$5458 \times 89.5 \quad \square \quad 6057 \times 71.2$$

2)

$$1916 \times 90.7 \quad \square \quad 5276 \times 40.9$$

3)

$$10066 \times 2.0 \quad \square \quad 1626 \times 14.9$$

4)

$$7485 \times 48.2 \quad \square \quad 10103 \times 47.0$$

5)

$$2150 \times 13.2 \quad \square \quad 6874 \times 3.5$$

6)

$$4206 \times 89.6 \quad \square \quad 9072 \times 47.9$$

7)

$$3427 \times 69.2 \quad \square \quad 7136 \times 37.6$$

8)

$$2422 \times 68.2 \quad \square \quad 3724 \times 55.8$$

9)

$$\begin{array}{r} 325 \\ \hline 342 \end{array} \quad \square \quad \begin{array}{r} 231 \\ \hline 256 \end{array}$$

10)

$$\begin{array}{r} 266 \\ \hline 199 \end{array} \quad \square \quad \begin{array}{r} 284 \\ \hline 223 \end{array}$$

11)

$$\begin{array}{r} 195 \\ \hline 129 \end{array} \quad \square \quad \begin{array}{r} 268 \\ \hline 201 \end{array}$$

12)

$$\begin{array}{r} 196 \\ \hline 240 \end{array} \quad \square \quad \begin{array}{r} 91 \\ \hline 102 \end{array}$$

13)

$$\begin{array}{r} 116 \\ \hline 343 \end{array} \quad \square \quad \begin{array}{r} 107 \\ \hline 322 \end{array}$$

14)

$$\begin{array}{r} 164 \\ \hline 227 \end{array} \quad \square \quad \begin{array}{r} 208 \\ \hline 266 \end{array}$$

15)

$$\begin{array}{r} 279 \\ \hline 44 \end{array} \quad \square \quad \begin{array}{r} 107 \\ \hline 18 \end{array}$$

16)

$$\begin{array}{r} 275 \\ \hline 219 \end{array} \quad \square \quad \begin{array}{r} 170 \\ \hline 152 \end{array}$$

17)

$$\begin{array}{r} 99 \\ \hline 140 \end{array} \quad \square \quad \begin{array}{r} 153 \\ \hline 216 \end{array}$$

18)

$$\begin{array}{r} 250 \\ \hline 157 \end{array} \quad \square \quad \begin{array}{r} 109 \\ \hline 75 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민

| | | |
|----|---------|----------------------------|
| 1) | 25.70% | 5458 X 89.5 > 6057 X 71.2 |
| 2) | 10.97% | 1916 X 90.7 < 5276 X 40.9 |
| 3) | 121.76% | 10066 X 2.0 < 1626 X 14.9 |
| 4) | 175.37% | 7485 X 48.2 < 10103 X 47.0 |
| 5) | 645.00% | 2150 X 13.2 > 6874 X 3.5 |
| 6) | 519.07% | 4206 X 89.6 < 9072 X 47.9 |
| 7) | 2.55% | 3427 X 69.2 < 7136 X 37.6 |
| 8) | 34.98% | 2422 X 68.2 < 3724 X 55.8 |
| | 277.14% | |
| | 87.06% | |
| | 115.69% | |
| | 84.04% | |
| | 108.23% | |
| | 22.22% | |
| | 53.76% | |

| | | | |
|-----|-------|---------|-------|
| 9) | 325 | 40.69% | 231 |
| | 342 | <- | 256 |
| | 0.950 | 33.59% | 0.902 |
| 10) | 266 | 6.77% | 284 |
| | 199 | -> | 223 |
| | 1.337 | 12.06% | 1.274 |
| 11) | 195 | 37.44% | 268 |
| | 129 | -> | 201 |
| | 1.512 | 55.81% | 1.333 |
| 12) | 196 | 115.38% | 91 |
| | 240 | <- | 102 |
| | 0.817 | 135.29% | 0.892 |
| 13) | 116 | 8.41% | 107 |
| | 343 | <- | 322 |
| | 0.338 | 6.52% | 0.332 |
| 14) | 164 | 26.83% | 208 |
| | 227 | -> | 266 |
| | 0.722 | 17.18% | 0.782 |
| 15) | 279 | 160.75% | 107 |
| | 44 | <- | 18 |
| | 6.341 | 144.44% | 5.944 |
| 16) | 275 | 61.76% | 170 |
| | 219 | <- | 152 |
| | 1.256 | 44.08% | 1.118 |
| 17) | 99 | 54.55% | 153 |
| | 140 | -> | 216 |
| | 0.707 | 54.29% | 0.708 |
| 18) | 250 | 129.36% | 109 |
| | 157 | <- | 75 |
| | 1.592 | 109.33% | 1.453 |

1)

$$\begin{array}{r} 3722 \\ \times 4.0 \\ \hline \end{array}$$
 3898 x 3.2

2)

$$\begin{array}{r} 5032 \\ \times 95.8 \\ \hline \end{array}$$
 7359 x 54.4

3)

$$\begin{array}{r} 3881 \\ \times 87.8 \\ \hline \end{array}$$
 8447 x 45.2

4)

$$\begin{array}{r} 7673 \\ \times 28.4 \\ \hline \end{array}$$
 4051 x 64.3

5)

$$\begin{array}{r} 8643 \\ \times 42.0 \\ \hline \end{array}$$
 5044 x 58.8

6)

$$\begin{array}{r} 5751 \\ \times 33.5 \\ \hline \end{array}$$
 3819 x 56.8

7)

$$\begin{array}{r} 5324 \\ \times 16.7 \\ \hline \end{array}$$
 2060 x 57.3

8)

$$\begin{array}{r} 8019 \\ \times 31.7 \\ \hline \end{array}$$
 4620 x 63.3

9)

$$\begin{array}{r} 128 \\ 242 \\ \hline \end{array}$$

$$\begin{array}{r} 190 \\ 316 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 147 \\ 177 \\ \hline \end{array}$$

$$\begin{array}{r} 157 \\ 182 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 107 \\ 45 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ 25 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 188 \\ 247 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ 168 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 90 \\ 104 \\ \hline \end{array}$$

$$\begin{array}{r} 274 \\ 304 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 131 \\ 105 \\ \hline \end{array}$$

$$\begin{array}{r} 240 \\ 177 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 317 \\ 104 \\ \hline \end{array}$$

$$\begin{array}{r} 320 \\ 114 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 205 \\ 141 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ 71 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 229 \\ 148 \\ \hline \end{array}$$

$$\begin{array}{r} 258 \\ 173 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 58 \\ 71 \\ \hline \end{array}$$

$$\begin{array}{r} 180 \\ 249 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

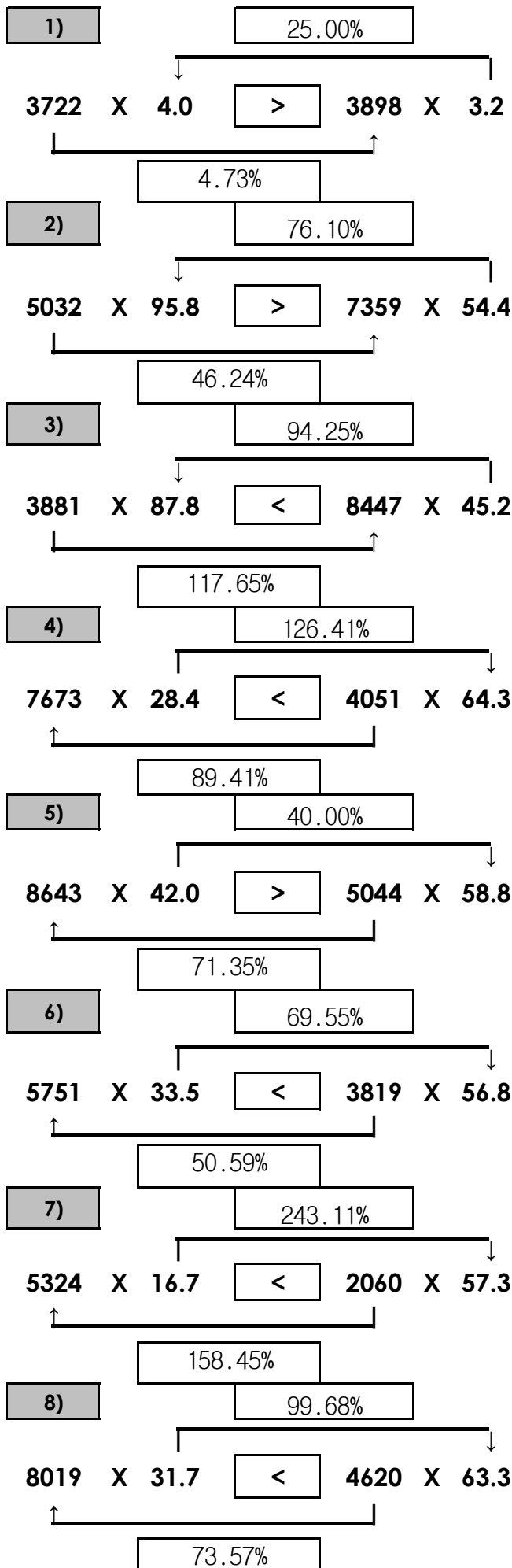
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 128 | 48.44% | 190 |
| | 242 | -> | 316 |
| | 0.529 | 30.58% | 0.601 |
| 10) | 147 | 6.80% | 157 |
| | 177 | -> | 182 |
| | 0.831 | 2.82% | 0.863 |
| 11) | 107 | 67.19% | 64 |
| | 45 | <- | 25 |
| | 2.378 | 80.00% | 2.560 |
| 12) | 188 | 50.40% | 125 |
| | 247 | <- | 168 |
| | 0.761 | 47.02% | 0.744 |
| 13) | 90 | 204.44% | 274 |
| | 104 | -> | 304 |
| | 0.865 | 192.31% | 0.901 |
| 14) | 131 | 83.21% | 240 |
| | 105 | -> | 177 |
| | 1.248 | 68.57% | 1.356 |
| 15) | 317 | 0.95% | 320 |
| | 104 | -> | 114 |
| | 3.048 | 9.62% | 2.807 |
| 16) | 205 | 95.24% | 105 |
| | 141 | <- | 71 |
| | 1.454 | 98.59% | 1.479 |
| 17) | 229 | 12.66% | 258 |
| | 148 | -> | 173 |
| | 1.547 | 16.89% | 1.491 |
| 18) | 58 | 210.34% | 180 |
| | 71 | -> | 249 |
| | 0.817 | 250.70% | 0.723 |

1)

$$2291 \times 89.8 \quad \square \quad 6627 \times 38.4$$

2)

$$4785 \times 99.8 \quad \square \quad 5390 \times 74.5$$

3)

$$10043 \times 22.7 \quad \square \quad 2861 \times 66.6$$

4)

$$2696 \times 71.4 \quad \square \quad 3645 \times 69.2$$

5)

$$8894 \times 51.7 \quad \square \quad 7557 \times 52.2$$

6)

$$5706 \times 5.2 \quad \square \quad 9634 \times 4.1$$

7)

$$6630 \times 70.4 \quad \square \quad 6870 \times 56.8$$

8)

$$9025 \times 13.8 \quad \square \quad 5664 \times 19.4$$

9)

$$\begin{array}{r} 189 \\ \hline 259 \end{array} \quad \square \quad \begin{array}{r} 121 \\ \hline 160 \end{array}$$

10)

$$\begin{array}{r} 71 \\ \hline 75 \end{array} \quad \square \quad \begin{array}{r} 42 \\ \hline 50 \end{array}$$

11)

$$\begin{array}{r} 327 \\ \hline 332 \end{array} \quad \square \quad \begin{array}{r} 185 \\ \hline 205 \end{array}$$

12)

$$\begin{array}{r} 113 \\ \hline 133 \end{array} \quad \square \quad \begin{array}{r} 233 \\ \hline 293 \end{array}$$

13)

$$\begin{array}{r} 289 \\ \hline 331 \end{array} \quad \square \quad \begin{array}{r} 291 \\ \hline 326 \end{array}$$

14)

$$\begin{array}{r} 160 \\ \hline 141 \end{array} \quad \square \quad \begin{array}{r} 261 \\ \hline 226 \end{array}$$

15)

$$\begin{array}{r} 270 \\ \hline 204 \end{array} \quad \square \quad \begin{array}{r} 57 \\ \hline 49 \end{array}$$

16)

$$\begin{array}{r} 117 \\ \hline 311 \end{array} \quad \square \quad \begin{array}{r} 125 \\ \hline 336 \end{array}$$

17)

$$\begin{array}{r} 257 \\ \hline 40 \end{array} \quad \square \quad \begin{array}{r} 328 \\ \hline 58 \end{array}$$

18)

$$\begin{array}{r} 10 \\ \hline 339 \end{array} \quad \square \quad \begin{array}{r} 7 \\ \hline 217 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민

| | | |
|----|---------|----------------------------|
| 1) | 133.85% | 2291 X 89.8 < 6627 X 38.4 |
| 2) | 189.26% | 4785 X 99.8 > 5390 X 74.5 |
| 3) | 33.96% | 10043 X 22.7 > 2861 X 66.6 |
| 4) | 12.64% | 2696 X 71.4 < 3645 X 69.2 |
| 5) | 193.39% | 8894 X 51.7 > 7557 X 52.2 |
| 6) | 251.03% | 5706 X 5.2 < 9634 X 4.1 |
| 7) | 3.18% | 6630 X 70.4 > 6870 X 56.8 |
| 8) | 35.20% | 9025 X 13.8 > 5664 X 19.4 |

| | | | |
|-----|-------|---------|-------|
| 9) | 189 | 56.20% | 121 |
| | 259 | <- | 160 |
| | 0.730 | 61.88% | 0.756 |
| 10) | 71 | 69.05% | 42 |
| | 75 | <- | 50 |
| | 0.947 | 50.00% | 0.840 |
| 11) | 327 | 76.76% | 185 |
| | 332 | <- | 205 |
| | 0.985 | 61.95% | 0.902 |
| 12) | 113 | 106.19% | 233 |
| | 133 | -> | 293 |
| | 0.850 | 120.30% | 0.795 |
| 13) | 289 | 0.69% | 291 |
| | 331 | -> | 326 |
| | 0.873 | 1.53% | 0.893 |
| 14) | 160 | 63.13% | 261 |
| | 141 | -> | 226 |
| | 1.135 | 60.28% | 1.155 |
| 15) | 270 | 373.68% | 57 |
| | 204 | <- | 49 |
| | 1.324 | 316.33% | 1.163 |
| 16) | 117 | 6.84% | 125 |
| | 311 | -> | 336 |
| | 0.376 | 8.04% | 0.372 |
| 17) | 257 | 27.63% | 328 |
| | 40 | -> | 58 |
| | 6.425 | 45.00% | 5.655 |
| 18) | 10 | 42.86% | 7 |
| | 339 | <- | 217 |
| | 0.029 | 56.22% | 0.032 |

1)

$$7355 \times 58.6 \quad \square \quad 8240 \times 42.8$$

2)

$$2207 \times 96.4 \quad \square \quad 5513 \times 33.2$$

3)

$$9649 \times 68.1 \quad \square \quad 6173 \times 89.1$$

4)

$$8041 \times 24.6 \quad \square \quad 6594 \times 36.6$$

5)

$$6009 \times 62.6 \quad \square \quad 6401 \times 50.1$$

6)

$$8435 \times 16.8 \quad \square \quad 1567 \times 80.2$$

7)

$$1212 \times 39.2 \quad \square \quad 2568 \times 20.8$$

8)

$$9088 \times 35.4 \quad \square \quad 4099 \times 67.2$$

9)

$$\begin{array}{r} 312 \\ \hline 255 \end{array} \quad \square \quad \begin{array}{r} 39 \\ \hline 29 \end{array}$$

10)

$$\begin{array}{r} 98 \\ \hline 82 \end{array} \quad \square \quad \begin{array}{r} 257 \\ \hline 188 \end{array}$$

11)

$$\begin{array}{r} 302 \\ \hline 217 \end{array} \quad \square \quad \begin{array}{r} 275 \\ \hline 202 \end{array}$$

12)

$$\begin{array}{r} 333 \\ \hline 336 \end{array} \quad \square \quad \begin{array}{r} 28 \\ \hline 29 \end{array}$$

13)

$$\begin{array}{r} 95 \\ \hline 128 \end{array} \quad \square \quad \begin{array}{r} 261 \\ \hline 340 \end{array}$$

14)

$$\begin{array}{r} 173 \\ \hline 129 \end{array} \quad \square \quad \begin{array}{r} 297 \\ \hline 197 \end{array}$$

15)

$$\begin{array}{r} 327 \\ \hline 111 \end{array} \quad \square \quad \begin{array}{r} 272 \\ \hline 93 \end{array}$$

16)

$$\begin{array}{r} 216 \\ \hline 253 \end{array} \quad \square \quad \begin{array}{r} 165 \\ \hline 203 \end{array}$$

17)

$$\begin{array}{r} 219 \\ \hline 273 \end{array} \quad \square \quad \begin{array}{r} 266 \\ \hline 336 \end{array}$$

18)

$$\begin{array}{r} 192 \\ \hline 102 \end{array} \quad \square \quad \begin{array}{r} 286 \\ \hline 169 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

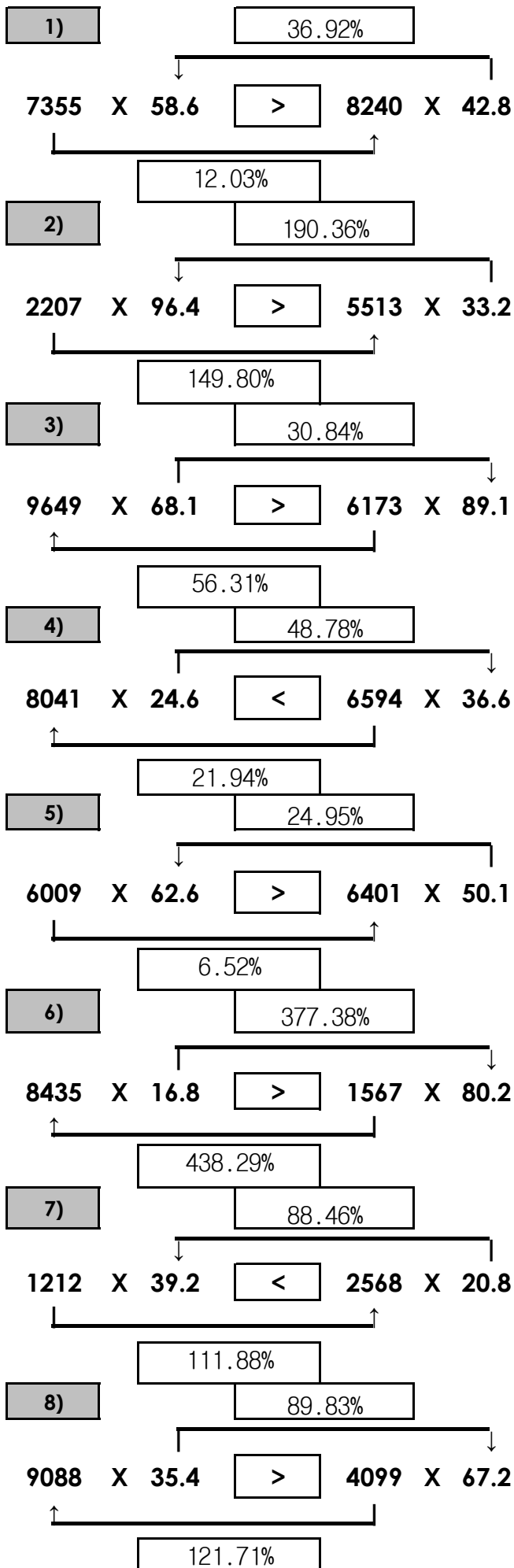
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|----------|-------|
| 9) | 312 | 700.00% | 39 |
| | 255 | <- | 29 |
| | 1.224 | <- | 1.345 |
| 10) | 98 | 162.24% | 257 |
| | 82 | -> | 188 |
| | 1.195 | -> | 1.367 |
| 11) | 302 | 9.82% | 275 |
| | 217 | <- | 202 |
| | 1.392 | <- | 1.361 |
| 12) | 333 | 1089.29% | 28 |
| | 336 | <- | 29 |
| | 0.991 | <- | 0.966 |
| 13) | 95 | 174.74% | 261 |
| | 128 | -> | 340 |
| | 0.742 | -> | 0.768 |
| 14) | 173 | 71.68% | 297 |
| | 129 | -> | 197 |
| | 1.341 | -> | 1.508 |
| 15) | 327 | 20.22% | 272 |
| | 111 | <- | 93 |
| | 2.946 | <- | 2.925 |
| 16) | 216 | 30.91% | 165 |
| | 253 | <- | 203 |
| | 0.854 | <- | 0.813 |
| 17) | 219 | 21.46% | 266 |
| | 273 | -> | 336 |
| | 0.802 | -> | 0.792 |
| 18) | 192 | 48.96% | 286 |
| | 102 | -> | 169 |
| | 1.882 | -> | 1.692 |

1)

$$\begin{array}{r} 2408 \\ \times 87.0 \\ \hline \end{array}$$
 4217 x 43.4

2)

$$\begin{array}{r} 7116 \\ \times 22.0 \\ \hline \end{array}$$
 3847 x 48.9

3)

$$\begin{array}{r} 6635 \\ \times 62.2 \\ \hline \end{array}$$
 4331 x 82.0

4)

$$\begin{array}{r} 9045 \\ \times 19.8 \\ \hline \end{array}$$
 2885 x 81.7

5)

$$\begin{array}{r} 7345 \\ \times 61.8 \\ \hline \end{array}$$
 7446 x 51.7

6)

$$\begin{array}{r} 4186 \\ \times 76.9 \\ \hline \end{array}$$
 4361 x 64.7

7)

$$\begin{array}{r} 2687 \\ \times 18.3 \\ \hline \end{array}$$
 4471 x 9.6

8)

$$\begin{array}{r} 3664 \\ \times 21.0 \\ \hline \end{array}$$
 3724 x 17.3

9)

$$\begin{array}{r} 137 \\ 156 \\ \hline \end{array}$$

$$\begin{array}{r} 209 \\ 234 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 110 \\ 235 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ 128 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 41 \\ 18 \\ \hline \end{array}$$

$$\begin{array}{r} 153 \\ 60 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 166 \\ 256 \\ \hline \end{array}$$

$$\begin{array}{r} 182 \\ 319 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 84 \\ 139 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ 222 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 75 \\ 83 \\ \hline \end{array}$$

$$\begin{array}{r} 205 \\ 246 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 79 \\ 169 \\ \hline \end{array}$$

$$\begin{array}{r} 152 \\ 291 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 141 \\ 215 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ 115 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 283 \\ 249 \\ \hline \end{array}$$

$$\begin{array}{r} 165 \\ 152 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 13 \\ 80 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ 201 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

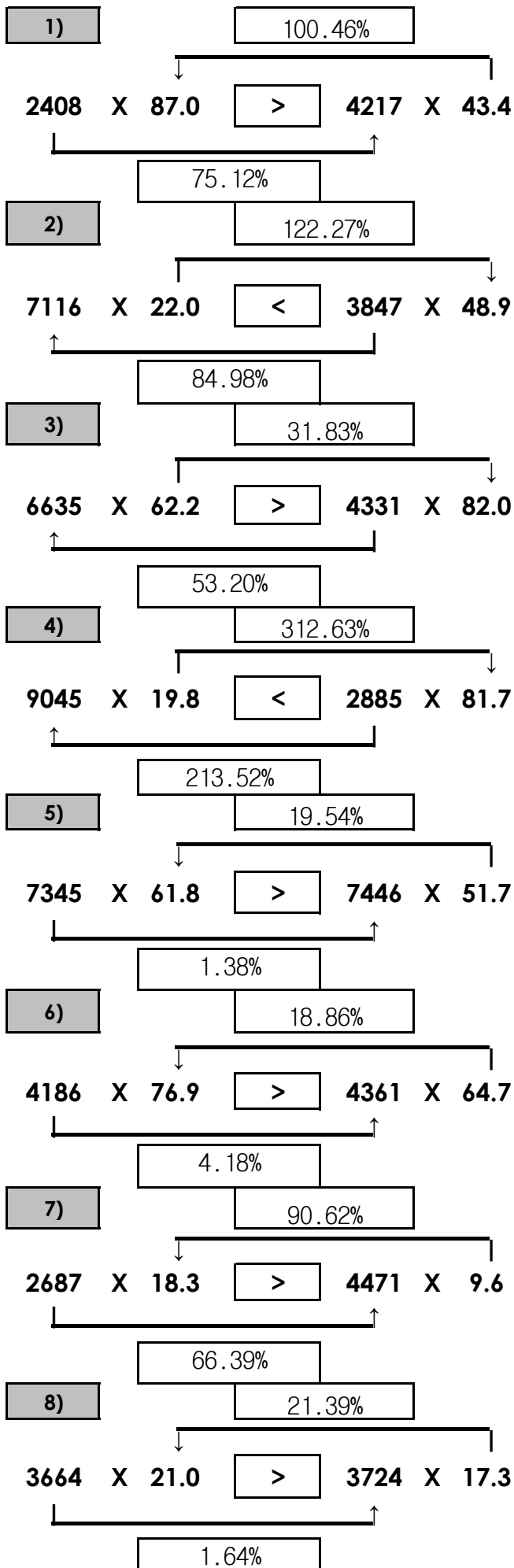
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 137 | 52.55% | 209 |
| | 156 | -> | 234 |
| | 0.878 | 50.00% | 0.893 |
| 10) | 110 | 64.18% | 67 |
| | 235 | <- | 128 |
| | 0.468 | 83.59% | 0.523 |
| 11) | 41 | 273.17% | 153 |
| | 18 | -> | 60 |
| | 2.278 | 233.33% | 2.550 |
| 12) | 166 | 9.64% | 182 |
| | 256 | -> | 319 |
| | 0.648 | 24.61% | 0.571 |
| 13) | 84 | 48.81% | 125 |
| | 139 | -> | 222 |
| | 0.604 | 59.71% | 0.563 |
| 14) | 75 | 173.33% | 205 |
| | 83 | -> | 246 |
| | 0.904 | 196.39% | 0.833 |
| 15) | 79 | 92.41% | 152 |
| | 169 | -> | 291 |
| | 0.467 | 72.19% | 0.522 |
| 16) | 141 | 98.59% | 71 |
| | 215 | <- | 115 |
| | 0.656 | 86.96% | 0.617 |
| 17) | 283 | 71.52% | 165 |
| | 249 | <- | 152 |
| | 1.137 | 63.82% | 1.086 |
| 18) | 13 | 176.92% | 36 |
| | 80 | -> | 201 |
| | 0.163 | 151.25% | 0.179 |

1)

$$4809 \times 55.4 \quad \square \quad 7174 \times 42.9$$

2)

$$1910 \times 44.1 \quad \square \quad 3723 \times 27.3$$

3)

$$1765 \times 67.1 \quad \square \quad 2069 \times 50.6$$

4)

$$10073 \times 24.9 \quad \square \quad 6198 \times 48.6$$

5)

$$8834 \times 95.8 \quad \square \quad 8868 \times 80.1$$

6)

$$5054 \times 14.6 \quad \square \quad 1358 \times 64.5$$

7)

$$6708 \times 25.0 \quad \square \quad 8966 \times 24.8$$

8)

$$6729 \times 18.2 \quad \square \quad 3345 \times 46.1$$

9)

$$\begin{array}{r} 88 \\ 182 \end{array} \quad \square \quad \begin{array}{r} 156 \\ 309 \end{array}$$

10)

$$\begin{array}{r} 166 \\ 271 \end{array} \quad \square \quad \begin{array}{r} 174 \\ 319 \end{array}$$

11)

$$\begin{array}{r} 116 \\ 42 \end{array} \quad \square \quad \begin{array}{r} 331 \\ 107 \end{array}$$

12)

$$\begin{array}{r} 70 \\ 103 \end{array} \quad \square \quad \begin{array}{r} 130 \\ 177 \end{array}$$

13)

$$\begin{array}{r} 207 \\ 178 \end{array} \quad \square \quad \begin{array}{r} 201 \\ 171 \end{array}$$

14)

$$\begin{array}{r} 166 \\ 257 \end{array} \quad \square \quad \begin{array}{r} 88 \\ 132 \end{array}$$

15)

$$\begin{array}{r} 243 \\ 287 \end{array} \quad \square \quad \begin{array}{r} 301 \\ 332 \end{array}$$

16)

$$\begin{array}{r} 161 \\ 54 \end{array} \quad \square \quad \begin{array}{r} 275 \\ 87 \end{array}$$

17)

$$\begin{array}{r} 124 \\ 321 \end{array} \quad \square \quad \begin{array}{r} 88 \\ 221 \end{array}$$

18)

$$\begin{array}{r} 217 \\ 59 \end{array} \quad \square \quad \begin{array}{r} 243 \\ 73 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

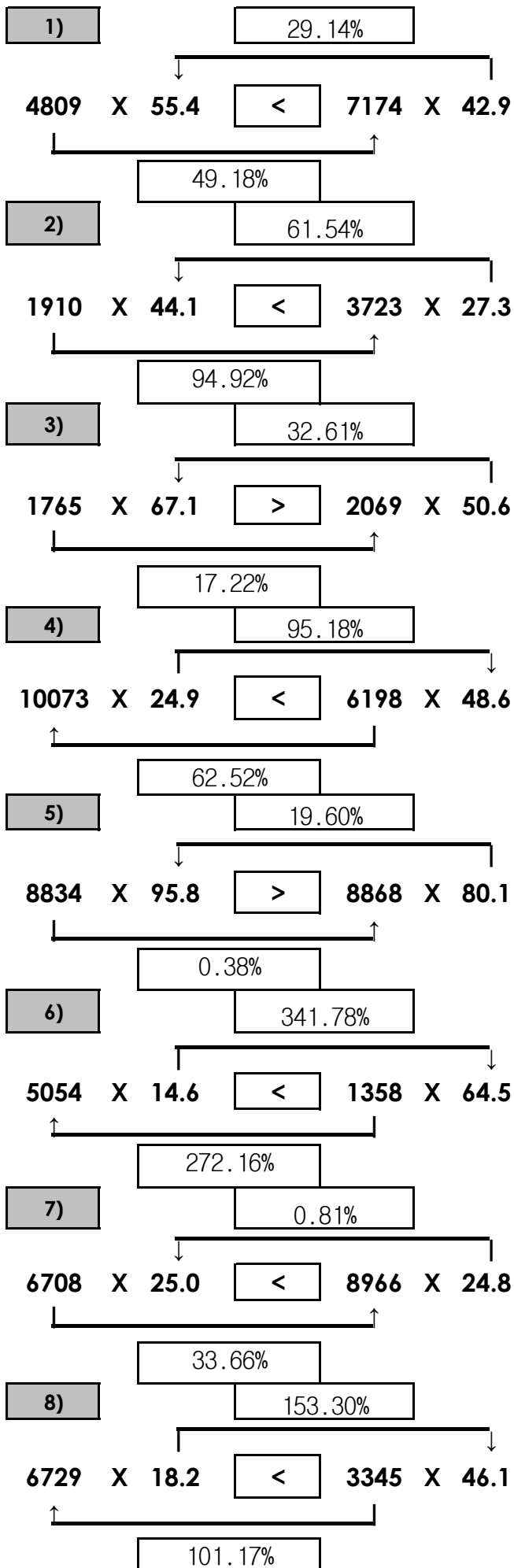
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 88 | 77.27% | 156 |
| | 182 | -> | 309 |
| | 0.484 | 69.78% | 0.505 |
| 10) | 166 | 4.82% | 174 |
| | 271 | -> | 319 |
| | 0.613 | 17.71% | 0.545 |
| 11) | 116 | 185.34% | 331 |
| | 42 | -> | 107 |
| | 2.762 | 154.76% | 3.093 |
| 12) | 70 | 85.71% | 130 |
| | 103 | -> | 177 |
| | 0.680 | 71.84% | 0.734 |
| 13) | 207 | 2.99% | 201 |
| | 178 | <- | 171 |
| | 1.163 | 4.09% | 1.175 |
| 14) | 166 | 88.64% | 88 |
| | 257 | <- | 132 |
| | 0.646 | 94.70% | 0.667 |
| 15) | 243 | 23.87% | 301 |
| | 287 | -> | 332 |
| | 0.847 | 15.68% | 0.907 |
| 16) | 161 | 70.81% | 275 |
| | 54 | -> | 87 |
| | 2.981 | 61.11% | 3.161 |
| 17) | 124 | 40.91% | 88 |
| | 321 | <- | 221 |
| | 0.386 | 45.25% | 0.398 |
| 18) | 217 | 11.98% | 243 |
| | 59 | -> | 73 |
| | 3.678 | 23.73% | 3.329 |

1)

$$6746 \times 57.3 \quad \boxed{} \quad 4997 \times 95.4$$

2)

$$7025 \times 45.1 \quad \boxed{} \quad 9323 \times 42.8$$

3)

$$4034 \times 78.5 \quad \boxed{} \quad 3048 \times 85.0$$

4)

$$8308 \times 24.8 \quad \boxed{} \quad 2774 \times 87.3$$

5)

$$4260 \times 39.0 \quad \boxed{} \quad 8627 \times 23.4$$

6)

$$3212 \times 94.7 \quad \boxed{} \quad 8967 \times 27.8$$

7)

$$1693 \times 30.9 \quad \boxed{} \quad 8806 \times 5.0$$

8)

$$6967 \times 32.4 \quad \boxed{} \quad 8465 \times 29.7$$

9)

$$\begin{array}{r} 201 \\ \hline 132 \end{array} \quad \boxed{} \quad \begin{array}{r} 279 \\ \hline 195 \end{array}$$

10)

$$\begin{array}{r} 239 \\ \hline 198 \end{array} \quad \boxed{} \quad \begin{array}{r} 291 \\ \hline 274 \end{array}$$

11)

$$\begin{array}{r} 153 \\ \hline 249 \end{array} \quad \boxed{} \quad \begin{array}{r} 176 \\ \hline 254 \end{array}$$

12)

$$\begin{array}{r} 195 \\ \hline 108 \end{array} \quad \boxed{} \quad \begin{array}{r} 231 \\ \hline 117 \end{array}$$

13)

$$\begin{array}{r} 170 \\ \hline 247 \end{array} \quad \boxed{} \quad \begin{array}{r} 200 \\ \hline 306 \end{array}$$

14)

$$\begin{array}{r} 283 \\ \hline 174 \end{array} \quad \boxed{} \quad \begin{array}{r} 37 \\ \hline 22 \end{array}$$

15)

$$\begin{array}{r} 206 \\ \hline 246 \end{array} \quad \boxed{} \quad \begin{array}{r} 47 \\ \hline 61 \end{array}$$

16)

$$\begin{array}{r} 186 \\ \hline 203 \end{array} \quad \boxed{} \quad \begin{array}{r} 316 \\ \hline 328 \end{array}$$

17)

$$\begin{array}{r} 220 \\ \hline 280 \end{array} \quad \boxed{} \quad \begin{array}{r} 216 \\ \hline 237 \end{array}$$

18)

$$\begin{array}{r} 145 \\ \hline 88 \end{array} \quad \boxed{} \quad \begin{array}{r} 215 \\ \hline 136 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

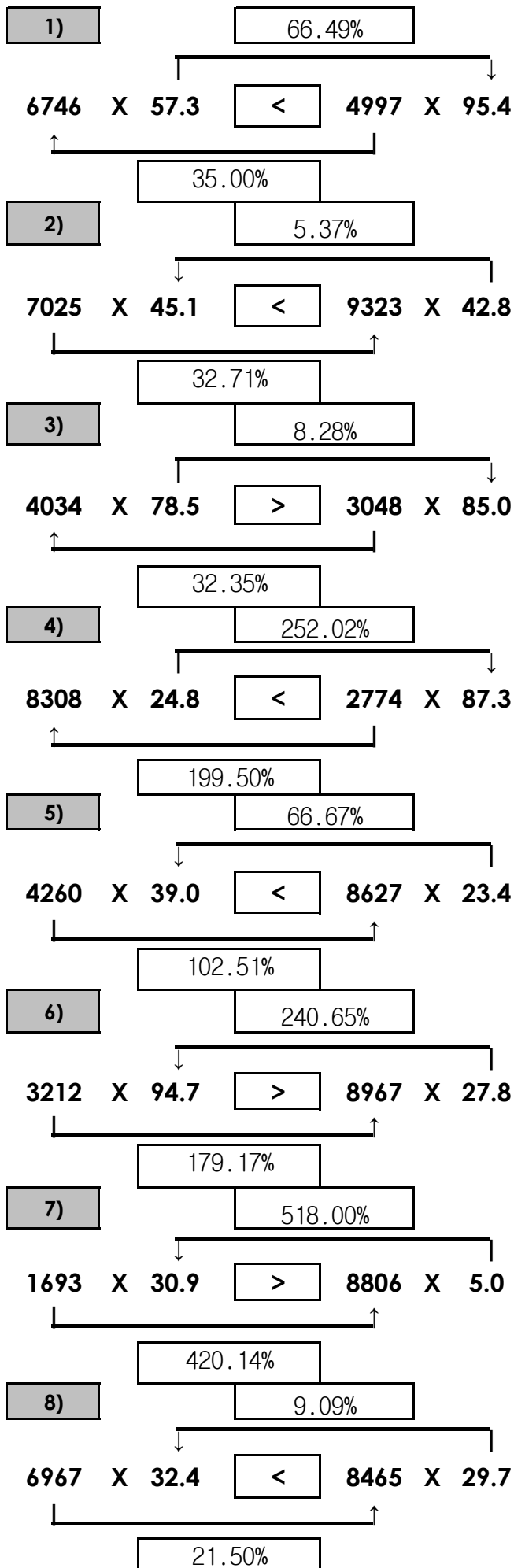
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 201 | 38.81% | 279 |
| | 132 | -> | 195 |
| | 1.523 | 47.73% | 1.431 |
| 10) | 239 | 21.76% | 291 |
| | 198 | -> | 274 |
| | 1.207 | 38.38% | 1.062 |
| 11) | 153 | 15.03% | 176 |
| | 249 | -> | 254 |
| | 0.614 | 2.01% | 0.693 |
| 12) | 195 | 18.46% | 231 |
| | 108 | -> | 117 |
| | 1.806 | 8.33% | 1.974 |
| 13) | 170 | 17.65% | 200 |
| | 247 | -> | 306 |
| | 0.688 | 23.89% | 0.654 |
| 14) | 283 | 664.86% | 37 |
| | 174 | <- | 22 |
| | 1.626 | 690.91% | 1.682 |
| 15) | 206 | 338.30% | 47 |
| | 246 | <- | 61 |
| | 0.837 | 303.28% | 0.770 |
| 16) | 186 | 69.89% | 316 |
| | 203 | -> | 328 |
| | 0.916 | 61.58% | 0.963 |
| 17) | 220 | 1.85% | 216 |
| | 280 | <- | 237 |
| | 0.786 | 18.14% | 0.911 |
| 18) | 145 | 48.28% | 215 |
| | 88 | -> | 136 |
| | 1.648 | 54.55% | 1.581 |

1)
$$\begin{array}{r} 2985 \\ \times 72.3 \\ \hline \end{array}$$
 8511×33.2

2)
$$\begin{array}{r} 3012 \\ \times 77.6 \\ \hline \end{array}$$
 3455×75.2

3)
$$\begin{array}{r} 5592 \\ \times 76.3 \\ \hline \end{array}$$
 9475×38.8

4)
$$\begin{array}{r} 8403 \\ \times 38.8 \\ \hline \end{array}$$
 8111×50.4

5)
$$\begin{array}{r} 1642 \\ \times 84.2 \\ \hline \end{array}$$
 5787×29.9

6)
$$\begin{array}{r} 6214 \\ \times 36.9 \\ \hline \end{array}$$
 8385×34.9

7)
$$\begin{array}{r} 9962 \\ \times 28.8 \\ \hline \end{array}$$
 8583×39.5

8)
$$\begin{array}{r} 7369 \\ \times 15.2 \\ \hline \end{array}$$
 3191×30.0

9)
$$\begin{array}{r} 86 \\ \times 75 \\ \hline \end{array}$$
 $\begin{array}{r} 239 \\ \times 193 \\ \hline \end{array}$

10)
$$\begin{array}{r} 110 \\ \times 152 \\ \hline \end{array}$$
 $\begin{array}{r} 60 \\ \times 78 \\ \hline \end{array}$

11)
$$\begin{array}{r} 284 \\ \times 210 \\ \hline \end{array}$$
 $\begin{array}{r} 312 \\ \times 207 \\ \hline \end{array}$

12)
$$\begin{array}{r} 147 \\ \times 120 \\ \hline \end{array}$$
 $\begin{array}{r} 250 \\ \times 224 \\ \hline \end{array}$

13)
$$\begin{array}{r} 157 \\ \times 84 \\ \hline \end{array}$$
 $\begin{array}{r} 301 \\ \times 166 \\ \hline \end{array}$

14)
$$\begin{array}{r} 271 \\ \times 252 \\ \hline \end{array}$$
 $\begin{array}{r} 260 \\ \times 229 \\ \hline \end{array}$

15)
$$\begin{array}{r} 207 \\ \times 301 \\ \hline \end{array}$$
 $\begin{array}{r} 129 \\ \times 162 \\ \hline \end{array}$

16)
$$\begin{array}{r} 94 \\ \times 232 \\ \hline \end{array}$$
 $\begin{array}{r} 135 \\ \times 323 \\ \hline \end{array}$

17)
$$\begin{array}{r} 159 \\ \times 278 \\ \hline \end{array}$$
 $\begin{array}{r} 112 \\ \times 214 \\ \hline \end{array}$

18)
$$\begin{array}{r} 216 \\ \times 196 \\ \hline \end{array}$$
 $\begin{array}{r} 90 \\ \times 86 \\ \hline \end{array}$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

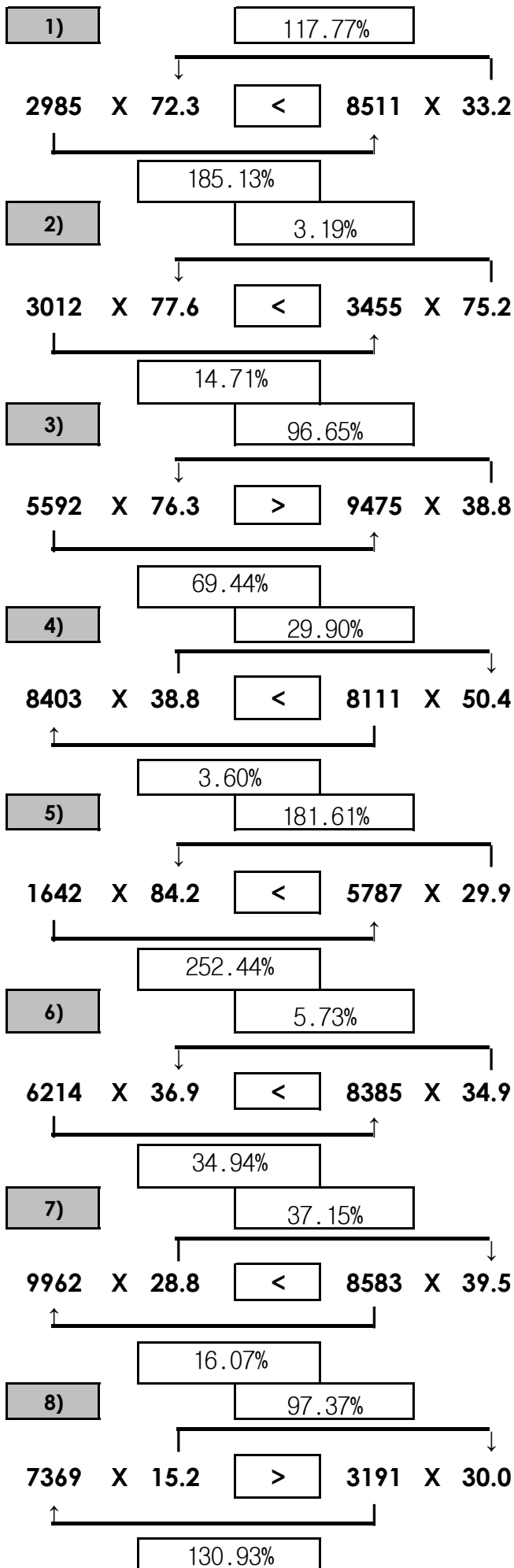
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 86 | 177.91% | 239 |
| | 75 | -> | 193 |
| | 1.147 | 157.33% | 1.238 |
| 10) | 110 | 83.33% | 60 |
| | 152 | <- | 78 |
| | 0.724 | 94.87% | 0.769 |
| 11) | 284 | 9.86% | 312 |
| | 210 | <- | 207 |
| | 1.352 | 1.45% | 1.507 |
| 12) | 147 | 70.07% | 250 |
| | 120 | -> | 224 |
| | 1.225 | 86.67% | 1.116 |
| 13) | 157 | 91.72% | 301 |
| | 84 | -> | 166 |
| | 1.869 | 97.62% | 1.813 |
| 14) | 271 | 4.23% | 260 |
| | 252 | <- | 229 |
| | 1.075 | 10.04% | 1.135 |
| 15) | 207 | 60.47% | 129 |
| | 301 | <- | 162 |
| | 0.688 | 85.80% | 0.796 |
| 16) | 94 | 43.62% | 135 |
| | 232 | -> | 323 |
| | 0.405 | 39.22% | 0.418 |
| 17) | 159 | 41.96% | 112 |
| | 278 | <- | 214 |
| | 0.572 | 29.91% | 0.523 |
| 18) | 216 | 140.00% | 90 |
| | 196 | <- | 86 |
| | 1.102 | 127.91% | 1.047 |

1)

$$\begin{array}{r} 4071 \\ \times 38.6 \\ \hline \end{array}$$
 8158 x 22.3

2)

$$\begin{array}{r} 5975 \\ \times 25.6 \\ \hline \end{array}$$
 3224 x 38.6

3)

$$\begin{array}{r} 3206 \\ \times 78.4 \\ \hline \end{array}$$
 8466 x 25.5

4)

$$\begin{array}{r} 8848 \\ \times 23.7 \\ \hline \end{array}$$
 5776 x 47.6

5)

$$\begin{array}{r} 4782 \\ \times 60.1 \\ \hline \end{array}$$
 6002 x 54.6

6)

$$\begin{array}{r} 8672 \\ \times 45.7 \\ \hline \end{array}$$
 3426 x 96.3

7)

$$\begin{array}{r} 1054 \\ \times 70.2 \\ \hline \end{array}$$
 3088 x 31.8

8)

$$\begin{array}{r} 4787 \\ \times 44.1 \\ \hline \end{array}$$
 5862 x 40.9

9)

$$\begin{array}{r} 127 \\ 300 \\ \hline \end{array}$$

$$\begin{array}{r} 101 \\ 249 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 267 \\ 328 \\ \hline \end{array}$$

$$\begin{array}{r} 256 \\ 319 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 186 \\ 323 \\ \hline \end{array}$$

$$\begin{array}{r} 181 \\ 315 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 314 \\ 307 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ 122 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 81 \\ 52 \\ \hline \end{array}$$

$$\begin{array}{r} 254 \\ 147 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 267 \\ 311 \\ \hline \end{array}$$

$$\begin{array}{r} 273 \\ 282 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 107 \\ 171 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ 250 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 65 \\ 214 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ 44 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 323 \\ 173 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ 58 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 131 \\ 78 \\ \hline \end{array}$$

$$\begin{array}{r} 316 \\ 206 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

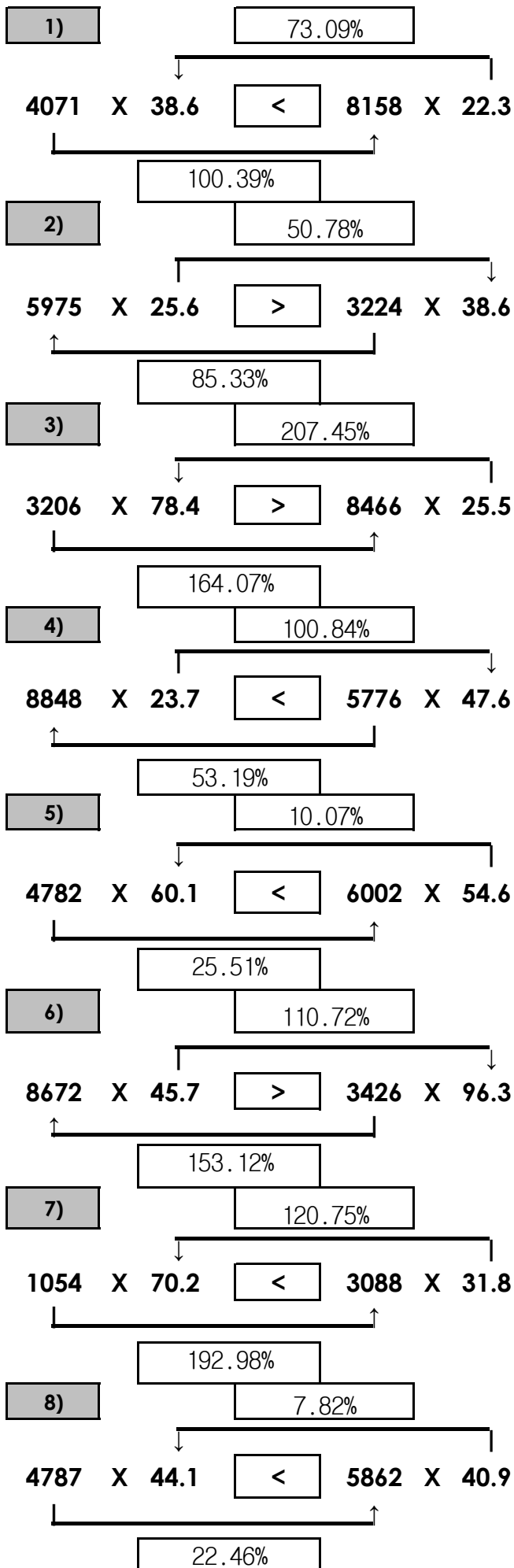
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 127 | 25.74% | 101 |
| | 300 | <- | 249 |
| | 0.423 | 20.48% | 0.406 |
| 10) | 267 | 4.30% | 256 |
| | 328 | <- | 319 |
| | 0.814 | 2.82% | 0.803 |
| 11) | 186 | 2.76% | 181 |
| | 323 | <- | 315 |
| | 0.576 | 2.54% | 0.575 |
| 12) | 314 | 151.20% | 125 |
| | 307 | <- | 122 |
| | 1.023 | 151.64% | 1.025 |
| 13) | 81 | 213.58% | 254 |
| | 52 | -> | 147 |
| | 1.558 | 182.69% | 1.728 |
| 14) | 267 | 2.25% | 273 |
| | 311 | -> | 282 |
| | 0.859 | 10.28% | 0.968 |
| 15) | 107 | 32.71% | 142 |
| | 171 | -> | 250 |
| | 0.626 | 46.20% | 0.568 |
| 16) | 65 | 333.33% | 15 |
| | 214 | <- | 44 |
| | 0.304 | 386.36% | 0.341 |
| 17) | 323 | 216.67% | 102 |
| | 173 | <- | 58 |
| | 1.867 | 198.28% | 1.759 |
| 18) | 131 | 141.22% | 316 |
| | 78 | -> | 206 |
| | 1.679 | 164.10% | 1.534 |

1)

$$4687 \times 65.2 \quad \square \quad 8724 \times 30.0$$

2)

$$4157 \times 96.9 \quad \square \quad 7136 \times 69.7$$

3)

$$4420 \times 82.8 \quad \square \quad 7337 \times 60.2$$

4)

$$3958 \times 15.1 \quad \square \quad 1854 \times 37.2$$

5)

$$5892 \times 74.8 \quad \square \quad 7149 \times 52.1$$

6)

$$7182 \times 36.0 \quad \square \quad 3531 \times 94.4$$

7)

$$1675 \times 85.1 \quad \square \quad 5724 \times 30.7$$

8)

$$8161 \times 47.8 \quad \square \quad 9474 \times 36.4$$

9)

$$\begin{array}{r} 235 \\ \hline 79 \end{array} \quad \square \quad \begin{array}{r} 200 \\ \hline 60 \end{array}$$

10)

$$\begin{array}{r} 11 \\ \hline 14 \end{array} \quad \square \quad \begin{array}{r} 198 \\ \hline 244 \end{array}$$

11)

$$\begin{array}{r} 195 \\ \hline 290 \end{array} \quad \square \quad \begin{array}{r} 216 \\ \hline 317 \end{array}$$

12)

$$\begin{array}{r} 186 \\ \hline 226 \end{array} \quad \square \quad \begin{array}{r} 185 \\ \hline 246 \end{array}$$

13)

$$\begin{array}{r} 167 \\ \hline 207 \end{array} \quad \square \quad \begin{array}{r} 220 \\ \hline 292 \end{array}$$

14)

$$\begin{array}{r} 239 \\ \hline 309 \end{array} \quad \square \quad \begin{array}{r} 118 \\ \hline 149 \end{array}$$

15)

$$\begin{array}{r} 168 \\ \hline 225 \end{array} \quad \square \quad \begin{array}{r} 269 \\ \hline 335 \end{array}$$

16)

$$\begin{array}{r} 180 \\ \hline 47 \end{array} \quad \square \quad \begin{array}{r} 316 \\ \hline 75 \end{array}$$

17)

$$\begin{array}{r} 319 \\ \hline 260 \end{array} \quad \square \quad \begin{array}{r} 281 \\ \hline 197 \end{array}$$

18)

$$\begin{array}{r} 119 \\ \hline 125 \end{array} \quad \square \quad \begin{array}{r} 142 \\ \hline 166 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민

| | | | | |
|---|---------|---|-------------|--|
| 1) | 117.33% | | | |
| 4687 X 65.2 | | > | 8724 X 30.0 | |
| └── | | | | |

| | | | |
|-----|-------|----------|-------|
| 9) | 235 | 17.50% | 200 |
| | 79 | <- | 60 |
| | 2.975 | 31.67% | 3.333 |
| 10) | 11 | 1700.00% | 198 |
| | 14 | -> | 244 |
| | 0.786 | 1642.86% | 0.811 |
| 11) | 195 | 10.77% | 216 |
| | 290 | -> | 317 |
| | 0.672 | 9.31% | 0.681 |
| 12) | 186 | 0.54% | 185 |
| | 226 | <- | 246 |
| | 0.823 | 8.85% | 0.752 |
| 13) | 167 | 31.74% | 220 |
| | 207 | -> | 292 |
| | 0.807 | 41.06% | 0.753 |
| 14) | 239 | 102.54% | 118 |
| | 309 | <- | 149 |
| | 0.773 | 107.38% | 0.792 |
| 15) | 168 | 60.12% | 269 |
| | 225 | -> | 335 |
| | 0.747 | 48.89% | 0.803 |
| 16) | 180 | 75.56% | 316 |
| | 47 | -> | 75 |
| | 3.830 | 59.57% | 4.213 |
| 17) | 319 | 13.52% | 281 |
| | 260 | <- | 197 |
| | 1.227 | 31.98% | 1.426 |
| 18) | 119 | 19.33% | 142 |
| | 125 | -> | 166 |
| | 0.952 | 32.80% | 0.855 |

1)

$$\begin{array}{r} 4507 \\ \times 61.0 \\ \hline \end{array}$$
 4504 x 72.3

2)

$$\begin{array}{r} 1717 \\ \times 77.5 \\ \hline \end{array}$$
 7296 x 21.9

3)

$$\begin{array}{r} 7225 \\ \times 16.1 \\ \hline \end{array}$$
 6050 x 16.9

4)

$$\begin{array}{r} 6105 \\ \times 61.5 \\ \hline \end{array}$$
 7035 x 44.6

5)

$$\begin{array}{r} 6324 \\ \times 27.8 \\ \hline \end{array}$$
 2666 x 79.7

6)

$$\begin{array}{r} 6096 \\ \times 11.9 \\ \hline \end{array}$$
 3253 x 19.0

7)

$$\begin{array}{r} 1980 \\ \times 45.6 \\ \hline \end{array}$$
 3595 x 30.4

8)

$$\begin{array}{r} 5848 \\ \times 62.5 \\ \hline \end{array}$$
 4746 x 88.9

9)

$$\begin{array}{r} 252 \\ \times 102 \\ \hline \end{array}$$
 330
152

10)

$$\begin{array}{r} 187 \\ \times 233 \\ \hline \end{array}$$
 133
163

11)

$$\begin{array}{r} 296 \\ \times 192 \\ \hline \end{array}$$
 226
141

12)

$$\begin{array}{r} 208 \\ \times 248 \\ \hline \end{array}$$
 105
116

13)

$$\begin{array}{r} 107 \\ \times 143 \\ \hline \end{array}$$
 224
262

14)

$$\begin{array}{r} 254 \\ \times 307 \\ \hline \end{array}$$
 246
313

15)

$$\begin{array}{r} 240 \\ \times 247 \\ \hline \end{array}$$
 151
174

16)

$$\begin{array}{r} 218 \\ \times 198 \\ \hline \end{array}$$
 313
309

17)

$$\begin{array}{r} 226 \\ \times 151 \\ \hline \end{array}$$
 191
138

18)

$$\begin{array}{r} 172 \\ \times 86 \\ \hline \end{array}$$
 147
68

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

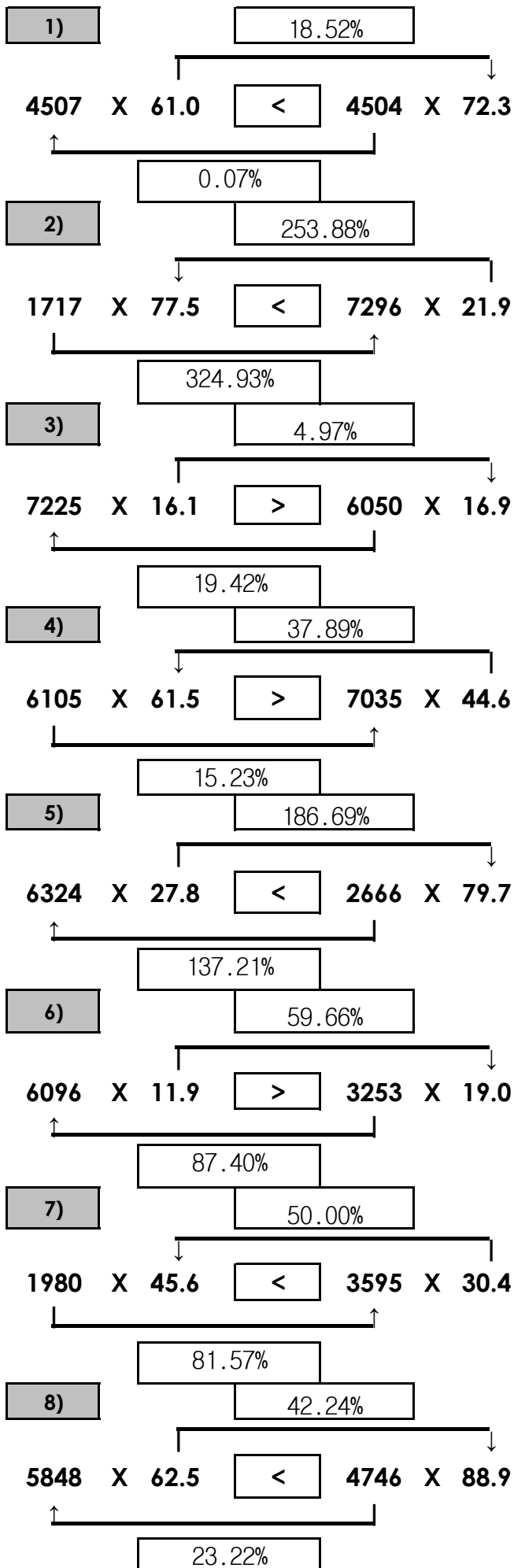
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 252 | 30.95% | 330 |
| | 102 | -> | 152 |
| | 2.471 | 49.02% | 2.171 |
| 10) | 187 | 40.60% | 133 |
| | 233 | <- | 163 |
| | 0.803 | 42.94% | 0.816 |
| 11) | 296 | 30.97% | 226 |
| | 192 | <- | 141 |
| | 1.542 | 36.17% | 1.603 |
| 12) | 208 | 98.10% | 105 |
| | 248 | <- | 116 |
| | 0.839 | 113.79% | 0.905 |
| 13) | 107 | 109.35% | 224 |
| | 143 | -> | 262 |
| | 0.748 | 83.22% | 0.855 |
| 14) | 254 | 3.25% | 246 |
| | 307 | <- | 313 |
| | 0.827 | 1.95% | 0.786 |
| 15) | 240 | 58.94% | 151 |
| | 247 | <- | 174 |
| | 0.972 | 41.95% | 0.868 |
| 16) | 218 | 43.58% | 313 |
| | 198 | -> | 309 |
| | 1.101 | 56.06% | 1.013 |
| 17) | 226 | 18.32% | 191 |
| | 151 | <- | 138 |
| | 1.497 | 9.42% | 1.384 |
| 18) | 172 | 17.01% | 147 |
| | 86 | <- | 68 |
| | 2.000 | 26.47% | 2.162 |

$$\begin{array}{r} 1) \\ 4796 \times 83.3 \\ \hline \end{array} \quad \boxed{} \quad 5246 \times 63.8$$

$$\begin{array}{r} 2) \\ 3030 \times 48.1 \\ \hline \end{array} \quad \boxed{} \quad 1223 \times 99.3$$

$$\begin{array}{r} 3) \\ 7170 \times 12.6 \\ \hline \end{array} \quad \boxed{} \quad 2771 \times 37.1$$

$$\begin{array}{r} 4) \\ 2984 \times 58.6 \\ \hline \end{array} \quad \boxed{} \quad 3788 \times 57.5$$

$$\begin{array}{r} 5) \\ 3508 \times 62.9 \\ \hline \end{array} \quad \boxed{} \quad 4833 \times 53.1$$

$$\begin{array}{r} 6) \\ 8743 \times 46.5 \\ \hline \end{array} \quad \boxed{} \quad 3686 \times 90.6$$

$$\begin{array}{r} 7) \\ 9705 \times 36.0 \\ \hline \end{array} \quad \boxed{} \quad 5821 \times 68.6$$

$$\begin{array}{r} 8) \\ 5173 \times 30.8 \\ \hline \end{array} \quad \boxed{} \quad 2829 \times 45.8$$

$$\begin{array}{r} 9) \\ 94 \\ 233 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 138 \\ 303 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \\ 53 \\ 58 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 134 \\ 146 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \\ 175 \\ 156 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 280 \\ 219 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \\ 24 \\ 34 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 206 \\ 261 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \\ 20 \\ 19 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 335 \\ 289 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \\ 117 \\ 58 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 311 \\ 164 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \\ 73 \\ 182 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 128 \\ 315 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \\ 228 \\ 198 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 221 \\ 200 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \\ 315 \\ 123 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 303 \\ 134 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \\ 203 \\ 305 \\ \hline \end{array} \quad \boxed{} \quad \begin{array}{r} 220 \\ 323 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

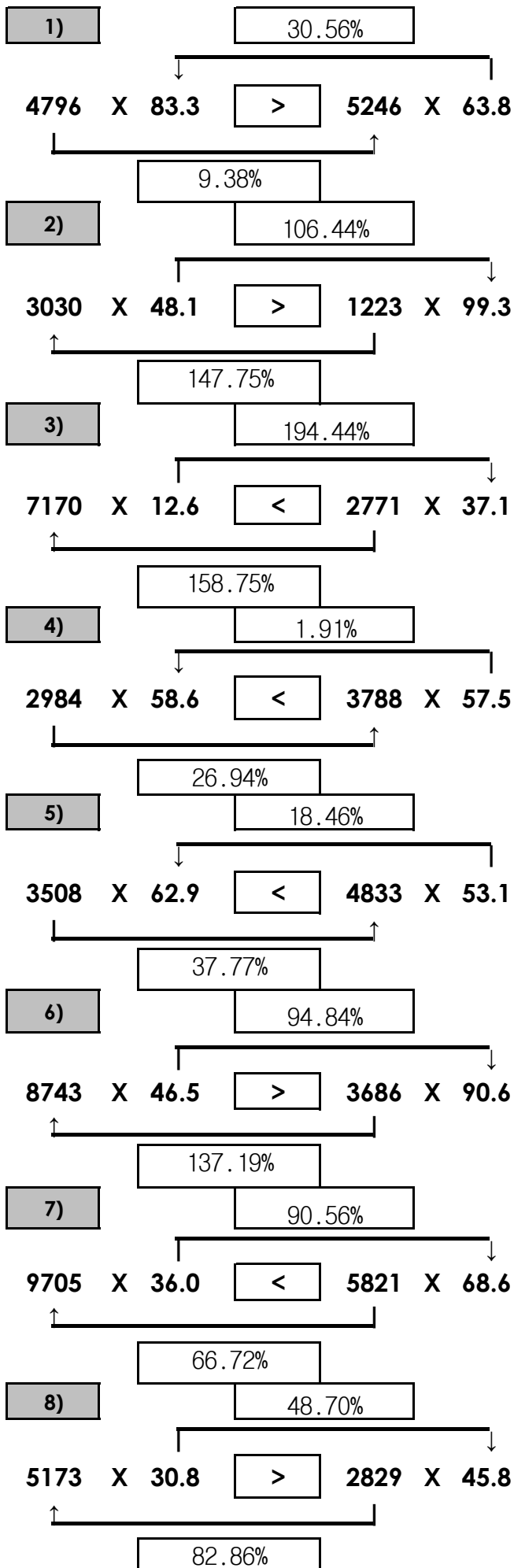
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M Multiplication

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|----------|-------|
| 9) | 94 | 46.81% | 138 |
| | 233 | -> | 303 |
| | 0.403 | 30.04% | 0.455 |
| 10) | 53 | 152.83% | 134 |
| | 58 | -> | 146 |
| | 0.914 | 151.72% | 0.918 |
| 11) | 175 | 60.00% | 280 |
| | 156 | -> | 219 |
| | 1.122 | 40.38% | 1.279 |
| 12) | 24 | 758.33% | 206 |
| | 34 | -> | 261 |
| | 0.706 | 667.65% | 0.789 |
| 13) | 20 | 1575.00% | 335 |
| | 19 | -> | 289 |
| | 1.053 | 1421.05% | 1.159 |
| 14) | 117 | 165.81% | 311 |
| | 58 | -> | 164 |
| | 2.017 | 182.76% | 1.896 |
| 15) | 73 | 75.34% | 128 |
| | 182 | -> | 315 |
| | 0.401 | 73.08% | 0.406 |
| 16) | 228 | 3.17% | 221 |
| | 198 | <- | 200 |
| | 1.152 | 1.01% | 1.105 |
| 17) | 315 | 3.96% | 303 |
| | 123 | <- | 134 |
| | 2.561 | 8.94% | 2.261 |
| 18) | 203 | 8.37% | 220 |
| | 305 | -> | 323 |
| | 0.666 | 5.90% | 0.681 |

1)

$$\begin{array}{r} 4251 \\ \times 12.7 \\ \hline \end{array}$$
 3730 x 16.8

2)

$$\begin{array}{r} 9112 \\ \times 20.8 \\ \hline \end{array}$$
 3147 x 74.5

3)

$$\begin{array}{r} 6312 \\ \times 41.6 \\ \hline \end{array}$$
 7787 x 40.5

4)

$$\begin{array}{r} 2678 \\ \times 74.5 \\ \hline \end{array}$$
 4004 x 40.1

5)

$$\begin{array}{r} 6022 \\ \times 83.6 \\ \hline \end{array}$$
 8718 x 69.1

6)

$$\begin{array}{r} 5724 \\ \times 77.0 \\ \hline \end{array}$$
 9265 x 54.7

7)

$$\begin{array}{r} 1573 \\ \times 39.5 \\ \hline \end{array}$$
 6956 x 10.9

8)

$$\begin{array}{r} 3839 \\ \times 25.2 \\ \hline \end{array}$$
 1499 x 85.6

9)

$$\begin{array}{r} 159 \\ \times 132 \\ \hline \end{array}$$
 323
 256

10)

$$\begin{array}{r} 271 \\ \times 90 \\ \hline \end{array}$$
 65
 22

11)

$$\begin{array}{r} 69 \\ \times 96 \\ \hline \end{array}$$
 183
 260

12)

$$\begin{array}{r} 220 \\ \times 123 \\ \hline \end{array}$$
 322
 184

13)

$$\begin{array}{r} 129 \\ \times 271 \\ \hline \end{array}$$
 175
 317

14)

$$\begin{array}{r} 118 \\ \times 205 \\ \hline \end{array}$$
 93
 156

15)

$$\begin{array}{r} 192 \\ \times 222 \\ \hline \end{array}$$
 145
 185

16)

$$\begin{array}{r} 221 \\ \times 242 \\ \hline \end{array}$$
 182
 202

17)

$$\begin{array}{r} 228 \\ \times 203 \\ \hline \end{array}$$
 276
 236

18)

$$\begin{array}{r} 228 \\ \times 334 \\ \hline \end{array}$$
 244
 339

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

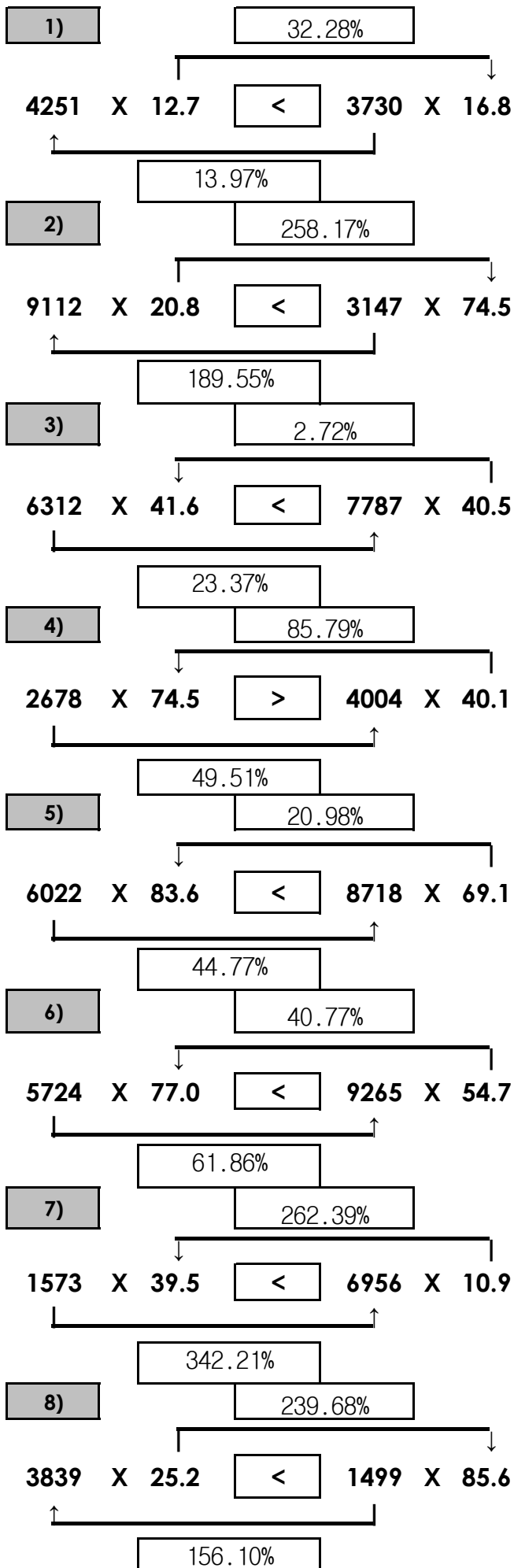
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 159 | 103.14% | 323 |
| | 132 | -> | 256 |
| | 1.205 | 93.94% | 1.262 |
| 10) | 271 | 316.92% | 65 |
| | 90 | <- | 22 |
| | 3.011 | 309.09% | 2.955 |
| 11) | 69 | 165.22% | 183 |
| | 96 | -> | 260 |
| | 0.719 | 170.83% | 0.704 |
| 12) | 220 | 46.36% | 322 |
| | 123 | -> | 184 |
| | 1.789 | 49.59% | 1.750 |
| 13) | 129 | 35.66% | 175 |
| | 271 | -> | 317 |
| | 0.476 | 16.97% | 0.552 |
| 14) | 118 | 26.88% | 93 |
| | 205 | <- | 156 |
| | 0.576 | 31.41% | 0.596 |
| 15) | 192 | 32.41% | 145 |
| | 222 | <- | 185 |
| | 0.865 | 20.00% | 0.784 |
| 16) | 221 | 21.43% | 182 |
| | 242 | <- | 202 |
| | 0.913 | 19.80% | 0.901 |
| 17) | 228 | 21.05% | 276 |
| | 203 | -> | 236 |
| | 1.123 | 16.26% | 1.169 |
| 18) | 228 | 7.02% | 244 |
| | 334 | -> | 339 |
| | 0.683 | 1.50% | 0.720 |

1) 8481×27.6 3989×50.6

2) 3511×55.9 9871×23.1

3) 7111×64.3 9278×55.9

4) 4447×88.7 6825×49.9

5) 5473×74.8 5500×65.2

6) 7122×31.4 9387×19.7

7) 8494×28.1 7380×37.8

8) 4489×88.5 7145×45.0

9) $\begin{array}{r} 76 \\ 130 \end{array}$ $\begin{array}{r} 168 \\ 291 \end{array}$

10) $\begin{array}{r} 83 \\ 134 \end{array}$ $\begin{array}{r} 78 \\ 137 \end{array}$

11) $\begin{array}{r} 186 \\ 158 \end{array}$ $\begin{array}{r} 176 \\ 167 \end{array}$

12) $\begin{array}{r} 276 \\ 290 \end{array}$ $\begin{array}{r} 239 \\ 265 \end{array}$

13) $\begin{array}{r} 173 \\ 255 \end{array}$ $\begin{array}{r} 46 \\ 70 \end{array}$

14) $\begin{array}{r} 274 \\ 119 \end{array}$ $\begin{array}{r} 115 \\ 50 \end{array}$

15) $\begin{array}{r} 310 \\ 319 \end{array}$ $\begin{array}{r} 168 \\ 175 \end{array}$

16) $\begin{array}{r} 44 \\ 118 \end{array}$ $\begin{array}{r} 28 \\ 74 \end{array}$

17) $\begin{array}{r} 112 \\ 107 \end{array}$ $\begin{array}{r} 145 \\ 138 \end{array}$

18) $\begin{array}{r} 234 \\ 206 \end{array}$ $\begin{array}{r} 286 \\ 240 \end{array}$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

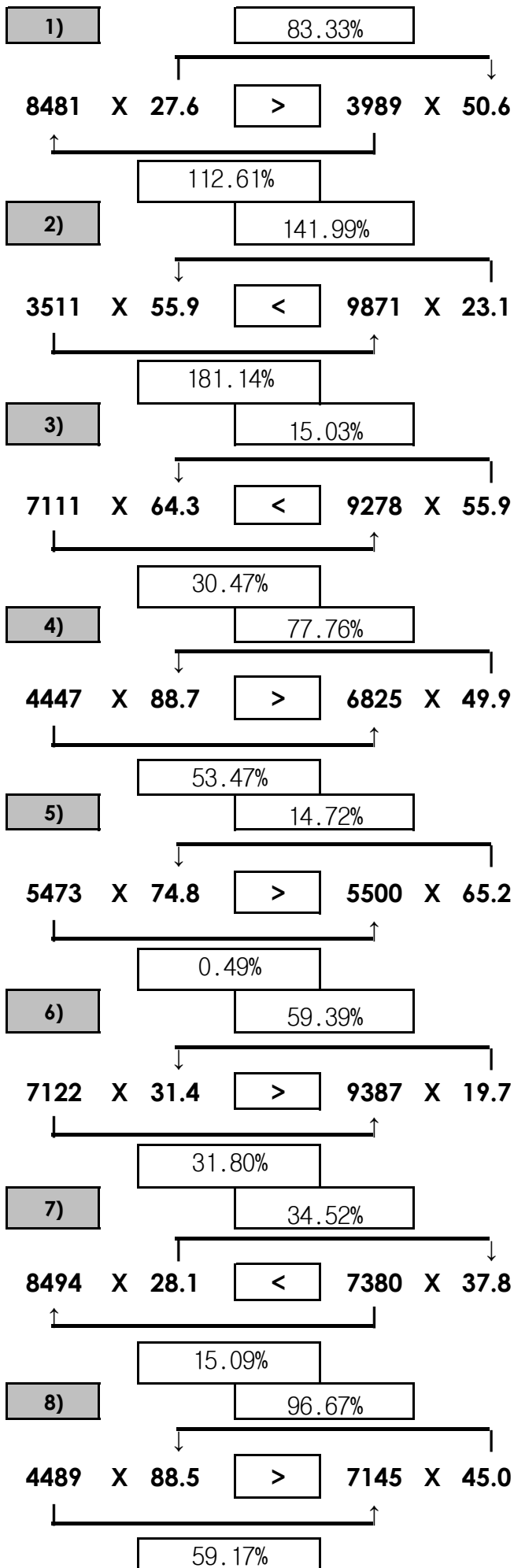
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 76 | 121.05% | 168 |
| | 130 | -> | 291 |
| | 0.585 | 123.85% | 0.577 |
| 10) | 83 | 6.41% | 78 |
| | 134 | -> | 137 |
| | 0.619 | 2.24% | 0.569 |
| 11) | 186 | 5.68% | 176 |
| | 158 | -> | 167 |
| | 1.177 | 5.70% | 1.054 |
| 12) | 276 | 15.48% | 239 |
| | 290 | -> | 265 |
| | 0.952 | 9.43% | 0.902 |
| 13) | 173 | 276.09% | 46 |
| | 255 | -> | 70 |
| | 0.678 | 264.29% | 0.657 |
| 14) | 274 | 138.26% | 115 |
| | 119 | -> | 50 |
| | 2.303 | 138.00% | 2.300 |
| 15) | 310 | 84.52% | 168 |
| | 319 | -> | 175 |
| | 0.972 | 82.29% | 0.960 |
| 16) | 44 | 57.14% | 28 |
| | 118 | -> | 74 |
| | 0.373 | 59.46% | 0.378 |
| 17) | 112 | 29.46% | 145 |
| | 107 | -> | 138 |
| | 1.047 | 28.97% | 1.051 |
| 18) | 234 | 22.22% | 286 |
| | 206 | -> | 240 |
| | 1.136 | 16.50% | 1.192 |

1)

$$\begin{array}{r} 3260 \\ \times 32.5 \\ \hline \end{array}$$
 6811 x 17.6

2)

$$\begin{array}{r} 5572 \\ \times 56.1 \\ \hline \end{array}$$
 9436 x 40.0

3)

$$\begin{array}{r} 9127 \\ \times 9.0 \\ \hline \end{array}$$
 3305 x 31.1

4)

$$\begin{array}{r} 4783 \\ \times 93.1 \\ \hline \end{array}$$
 6254 x 79.4

5)

$$\begin{array}{r} 10106 \\ \times 17.2 \\ \hline \end{array}$$
 8165 x 26.4

6)

$$\begin{array}{r} 9697 \\ \times 66.9 \\ \hline \end{array}$$
 6879 x 76.9

7)

$$\begin{array}{r} 1721 \\ \times 82.5 \\ \hline \end{array}$$
 9871 x 12.4

8)

$$\begin{array}{r} 5612 \\ \times 36.3 \\ \hline \end{array}$$
 7022 x 23.7

9)

$$\begin{array}{r} 285 \\ 281 \\ \hline \end{array}$$

$$\begin{array}{r} 209 \\ 191 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 202 \\ 207 \\ \hline \end{array}$$

$$\begin{array}{r} 229 \\ 230 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 232 \\ 79 \\ \hline \end{array}$$

$$\begin{array}{r} 317 \\ 108 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 98 \\ 125 \\ \hline \end{array}$$

$$\begin{array}{r} 161 \\ 216 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 110 \\ 247 \\ \hline \end{array}$$

$$\begin{array}{r} 158 \\ 307 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 270 \\ 243 \\ \hline \end{array}$$

$$\begin{array}{r} 322 \\ 264 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 230 \\ 23 \\ \hline \end{array}$$

$$\begin{array}{r} 167 \\ 16 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 98 \\ 212 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ 129 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 279 \\ 98 \\ \hline \end{array}$$

$$\begin{array}{r} 199 \\ 64 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 143 \\ 164 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ 129 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

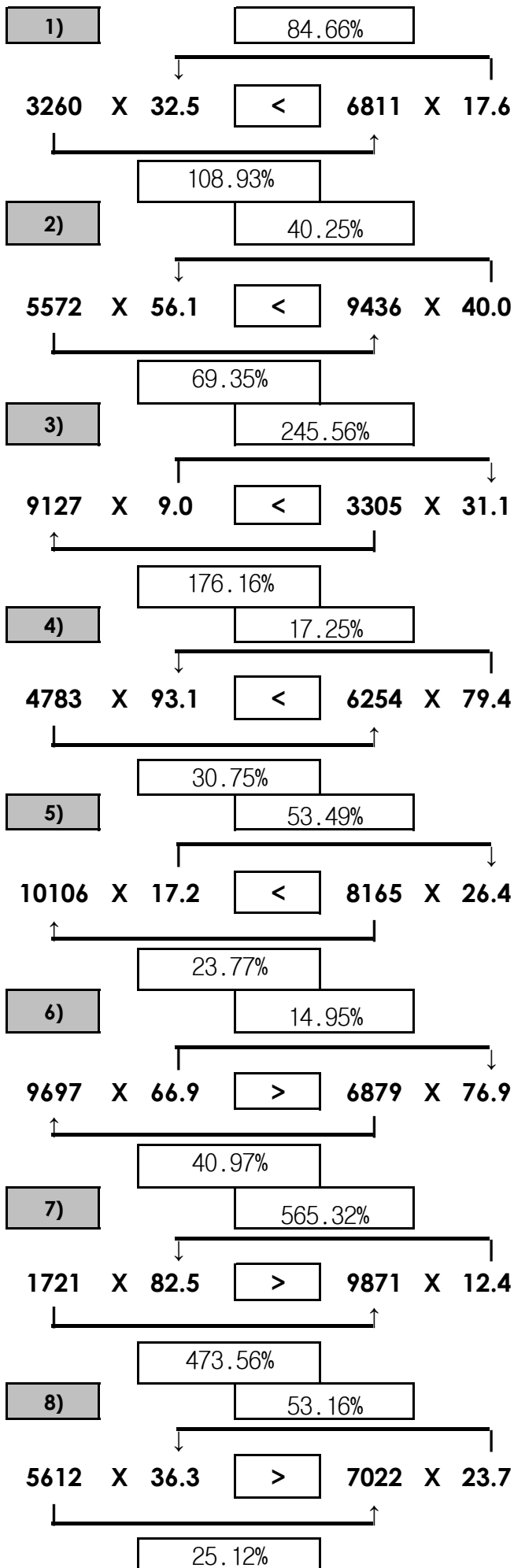
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|--------|--------|--------|
| 9) | 285 | 36.36% | 209 |
| | 281 | <- | 191 |
| | 1.014 | 47.12% | 1.094 |
| 10) | 202 | 13.37% | 229 |
| | 207 | -> | 230 |
| | 0.976 | 11.11% | 0.996 |
| 11) | 232 | 36.64% | 317 |
| | 79 | -> | 108 |
| | 2.937 | 36.71% | 2.935 |
| 12) | 98 | 64.29% | 161 |
| | 125 | -> | 216 |
| | 0.784 | 72.80% | 0.745 |
| 13) | 110 | 43.64% | 158 |
| | 247 | -> | 307 |
| | 0.445 | 24.29% | 0.515 |
| 14) | 270 | 19.26% | 322 |
| | 243 | -> | 264 |
| | 1.111 | 8.64% | 1.220 |
| 15) | 230 | 37.72% | 167 |
| | 23 | <- | 16 |
| | 10.000 | 43.75% | 10.438 |
| 16) | 98 | 66.10% | 59 |
| | 212 | <- | 129 |
| | 0.462 | 64.34% | 0.457 |
| 17) | 279 | 40.20% | 199 |
| | 98 | <- | 64 |
| | 2.847 | 53.13% | 3.109 |
| 18) | 143 | 40.20% | 102 |
| | 164 | <- | 129 |
| | 0.872 | 27.13% | 0.791 |

1)

$$\begin{array}{r} 3260 \\ \times 32.5 \\ \hline \end{array}$$
 6811 x 17.6

2)

$$\begin{array}{r} 5572 \\ \times 56.1 \\ \hline \end{array}$$
 9436 x 40.0

3)

$$\begin{array}{r} 9127 \\ \times 9.0 \\ \hline \end{array}$$
 3305 x 31.1

4)

$$\begin{array}{r} 4783 \\ \times 93.1 \\ \hline \end{array}$$
 6254 x 79.4

5)

$$\begin{array}{r} 10106 \\ \times 17.2 \\ \hline \end{array}$$
 8165 x 26.4

6)

$$\begin{array}{r} 9697 \\ \times 66.9 \\ \hline \end{array}$$
 6879 x 76.9

7)

$$\begin{array}{r} 1721 \\ \times 82.5 \\ \hline \end{array}$$
 9871 x 12.4

8)

$$\begin{array}{r} 5612 \\ \times 36.3 \\ \hline \end{array}$$
 7022 x 23.7

9)

$$\begin{array}{r} 285 \\ 281 \\ \hline \end{array}$$

$$\begin{array}{r} 209 \\ 191 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 202 \\ 207 \\ \hline \end{array}$$

$$\begin{array}{r} 229 \\ 230 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 232 \\ 79 \\ \hline \end{array}$$

$$\begin{array}{r} 317 \\ 108 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 98 \\ 125 \\ \hline \end{array}$$

$$\begin{array}{r} 161 \\ 216 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 110 \\ 247 \\ \hline \end{array}$$

$$\begin{array}{r} 158 \\ 307 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 270 \\ 243 \\ \hline \end{array}$$

$$\begin{array}{r} 322 \\ 264 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 230 \\ 23 \\ \hline \end{array}$$

$$\begin{array}{r} 167 \\ 16 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 98 \\ 212 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ 129 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 279 \\ 98 \\ \hline \end{array}$$

$$\begin{array}{r} 199 \\ 64 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 143 \\ 164 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ 129 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

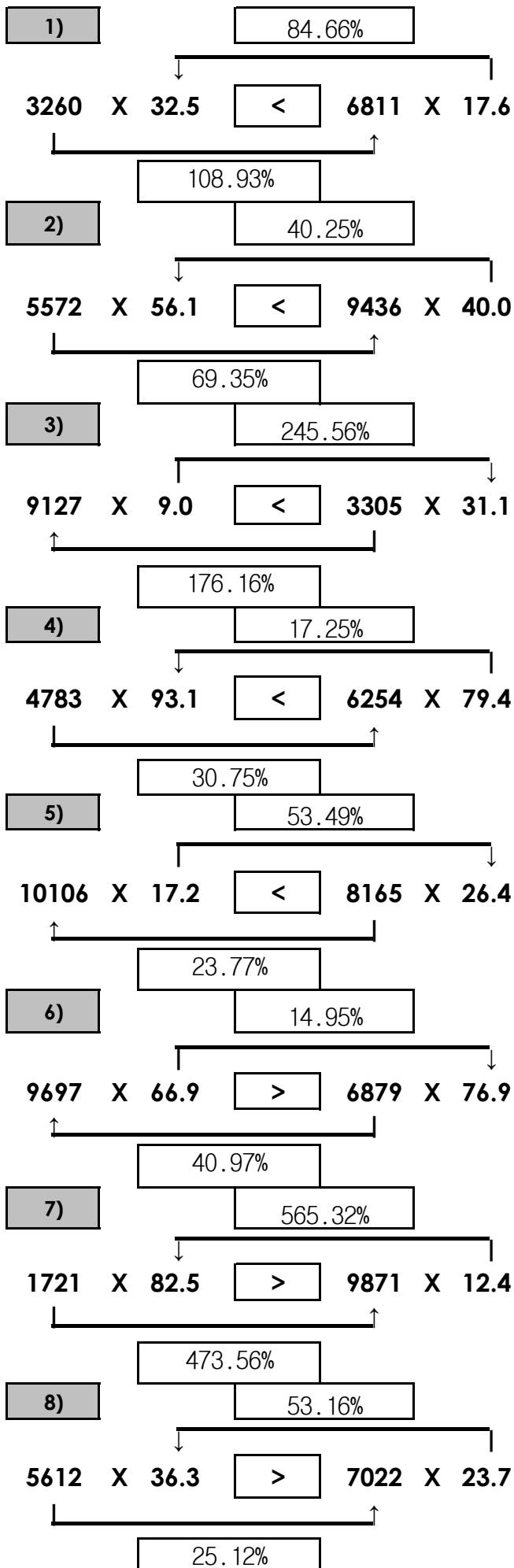
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|--------|--------|--------|
| 9) | 285 | 36.36% | 209 |
| | 281 | <- | 191 |
| | 1.014 | 47.12% | 1.094 |
| 10) | 202 | 13.37% | 229 |
| | 207 | -> | 230 |
| | 0.976 | 11.11% | 0.996 |
| 11) | 232 | 36.64% | 317 |
| | 79 | -> | 108 |
| | 2.937 | 36.71% | 2.935 |
| 12) | 98 | 64.29% | 161 |
| | 125 | -> | 216 |
| | 0.784 | 72.80% | 0.745 |
| 13) | 110 | 43.64% | 158 |
| | 247 | -> | 307 |
| | 0.445 | 24.29% | 0.515 |
| 14) | 270 | 19.26% | 322 |
| | 243 | -> | 264 |
| | 1.111 | 8.64% | 1.220 |
| 15) | 230 | 37.72% | 167 |
| | 23 | <- | 16 |
| | 10.000 | 43.75% | 10.438 |
| 16) | 98 | 66.10% | 59 |
| | 212 | <- | 129 |
| | 0.462 | 64.34% | 0.457 |
| 17) | 279 | 40.20% | 199 |
| | 98 | <- | 64 |
| | 2.847 | 53.13% | 3.109 |
| 18) | 143 | 40.20% | 102 |
| | 164 | <- | 129 |
| | 0.872 | 27.13% | 0.791 |

1)

$$\begin{array}{r} 5474 \\ \times 65.4 \\ \hline \end{array}$$
 7162 x 58.1

2)

$$\begin{array}{r} 3817 \\ \times 44.4 \\ \hline \end{array}$$
 1997 x 70.2

3)

$$\begin{array}{r} 4109 \\ \times 14.3 \\ \hline \end{array}$$
 2779 x 25.7

4)

$$\begin{array}{r} 4344 \\ \times 18.8 \\ \hline \end{array}$$
 1599 x 64.7

5)

$$\begin{array}{r} 6996 \\ \times 40.9 \\ \hline \end{array}$$
 7153 x 32.9

6)

$$\begin{array}{r} 8727 \\ \times 38.7 \\ \hline \end{array}$$
 4970 x 86.3

7)

$$\begin{array}{r} 3173 \\ \times 55.7 \\ \hline \end{array}$$
 5446 x 36.4

8)

$$\begin{array}{r} 6335 \\ \times 82.6 \\ \hline \end{array}$$
 9782 x 69.7

9)

$$\begin{array}{r} 260 \\ 149 \\ \hline \end{array}$$

$$\begin{array}{r} 309 \\ 196 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 255 \\ 263 \\ \hline \end{array}$$

$$\begin{array}{r} 168 \\ 176 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 55 \\ 95 \\ \hline \end{array}$$

$$\begin{array}{r} 154 \\ 278 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 248 \\ 124 \\ \hline \end{array}$$

$$\begin{array}{r} 314 \\ 139 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 14 \\ 19 \\ \hline \end{array}$$

$$\begin{array}{r} 143 \\ 193 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 118 \\ 88 \\ \hline \end{array}$$

$$\begin{array}{r} 286 \\ 218 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 310 \\ 263 \\ \hline \end{array}$$

$$\begin{array}{r} 262 \\ 196 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 163 \\ 116 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ 37 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 221 \\ 278 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ 61 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 145 \\ 290 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ 178 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

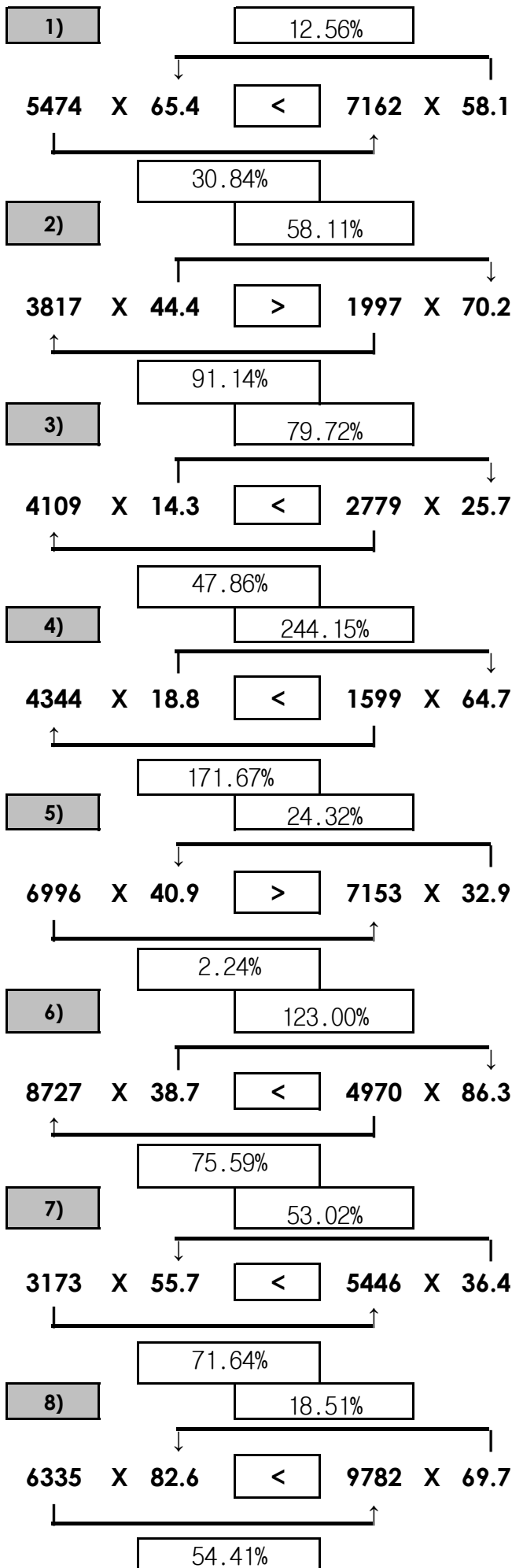
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 260 | 18.85% | 309 |
| | 149 | -> | 196 |
| | 1.745 | 31.54% | 1.577 |
| 10) | 255 | 51.79% | 168 |
| | 263 | <- | 176 |
| | 0.970 | 49.43% | 0.955 |
| 11) | 55 | 180.00% | 154 |
| | 95 | -> | 278 |
| | 0.579 | 192.63% | 0.554 |
| 12) | 248 | 26.61% | 314 |
| | 124 | -> | 139 |
| | 2.000 | 12.10% | 2.259 |
| 13) | 14 | 921.43% | 143 |
| | 19 | -> | 193 |
| | 0.737 | 915.79% | 0.741 |
| 14) | 118 | 142.37% | 286 |
| | 88 | -> | 218 |
| | 1.341 | 147.73% | 1.312 |
| 15) | 310 | 18.32% | 262 |
| | 263 | <- | 196 |
| | 1.179 | 34.18% | 1.337 |
| 16) | 163 | 213.46% | 52 |
| | 116 | <- | 37 |
| | 1.405 | 213.51% | 1.405 |
| 17) | 221 | 309.26% | 54 |
| | 278 | <- | 61 |
| | 0.795 | 355.74% | 0.885 |
| 18) | 145 | 68.60% | 86 |
| | 290 | <- | 178 |
| | 0.500 | 62.92% | 0.483 |

1)

$$7075 \times 45.8 \quad \square \quad 5440 \times 71.6$$

2)

$$8577 \times 16.4 \quad \square \quad 1740 \times 90.4$$

3)

$$6450 \times 56.1 \quad \square \quad 8878 \times 45.3$$

4)

$$8999 \times 22.9 \quad \square \quad 6701 \times 36.0$$

5)

$$4494 \times 4.7 \quad \square \quad 9184 \times 1.9$$

6)

$$2627 \times 24.1 \quad \square \quad 6371 \times 12.0$$

7)

$$5478 \times 20.2 \quad \square \quad 1015 \times 88.6$$

8)

$$2942 \times 36.4 \quad \square \quad 4951 \times 27.5$$

9)

$$\begin{array}{r} 233 \\ 173 \end{array} \quad \square \quad \begin{array}{r} 76 \\ 49 \end{array}$$

10)

$$\begin{array}{r} 314 \\ 203 \end{array} \quad \square \quad \begin{array}{r} 247 \\ 164 \end{array}$$

11)

$$\begin{array}{r} 135 \\ 68 \end{array} \quad \square \quad \begin{array}{r} 95 \\ 47 \end{array}$$

12)

$$\begin{array}{r} 202 \\ 97 \end{array} \quad \square \quad \begin{array}{r} 313 \\ 137 \end{array}$$

13)

$$\begin{array}{r} 51 \\ 134 \end{array} \quad \square \quad \begin{array}{r} 116 \\ 326 \end{array}$$

14)

$$\begin{array}{r} 280 \\ 327 \end{array} \quad \square \quad \begin{array}{r} 223 \\ 271 \end{array}$$

15)

$$\begin{array}{r} 95 \\ 111 \end{array} \quad \square \quad \begin{array}{r} 111 \\ 144 \end{array}$$

16)

$$\begin{array}{r} 47 \\ 87 \end{array} \quad \square \quad \begin{array}{r} 99 \\ 178 \end{array}$$

17)

$$\begin{array}{r} 278 \\ 336 \end{array} \quad \square \quad \begin{array}{r} 273 \\ 308 \end{array}$$

18)

$$\begin{array}{r} 79 \\ 337 \end{array} \quad \square \quad \begin{array}{r} 62 \\ 229 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

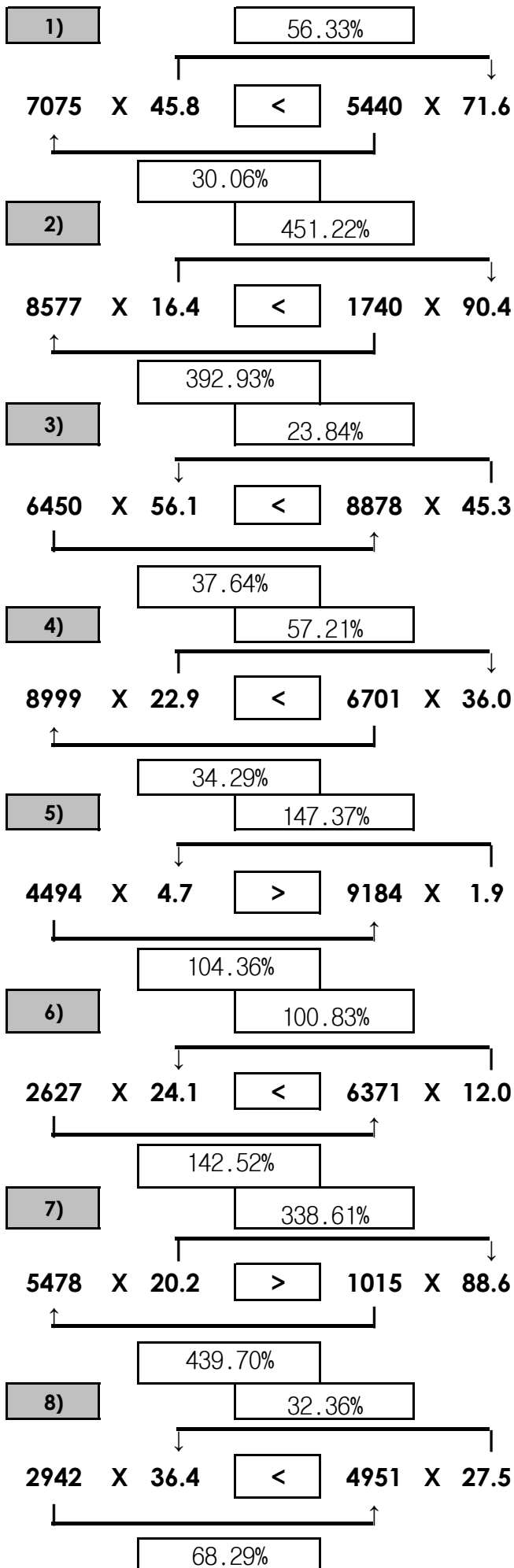
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 233 | 206.58% | 76 |
| | 173 | <- | 49 |
| | 1.347 | 253.06% | 1.551 |
| 10) | 314 | 27.13% | 247 |
| | 203 | <- | 164 |
| | 1.547 | 23.78% | 1.506 |
| 11) | 135 | 42.11% | 95 |
| | 68 | <- | 47 |
| | 1.985 | 44.68% | 2.021 |
| 12) | 202 | 54.95% | 313 |
| | 97 | -> | 137 |
| | 2.082 | 41.24% | 2.285 |
| 13) | 51 | 127.45% | 116 |
| | 134 | -> | 326 |
| | 0.381 | 143.28% | 0.356 |
| 14) | 280 | 25.56% | 223 |
| | 327 | <- | 271 |
| | 0.856 | 20.66% | 0.823 |
| 15) | 95 | 16.84% | 111 |
| | 111 | -> | 144 |
| | 0.856 | 29.73% | 0.771 |
| 16) | 47 | 110.64% | 99 |
| | 87 | -> | 178 |
| | 0.540 | 104.60% | 0.556 |
| 17) | 278 | 1.83% | 273 |
| | 336 | <- | 308 |
| | 0.827 | 9.09% | 0.886 |
| 18) | 79 | 27.42% | 62 |
| | 337 | <- | 229 |
| | 0.234 | 47.16% | 0.271 |

1)

$$1694 \times 84.2 \quad \square \quad 2293 \times 49.9$$

2)

$$6697 \times 88.4 \quad \square \quad 9910 \times 72.2$$

3)

$$1663 \times 79.8 \quad \square \quad 2029 \times 77.8$$

4)

$$3766 \times 69.5 \quad \square \quad 3207 \times 98.6$$

5)

$$4681 \times 39.8 \quad \square \quad 6466 \times 32.3$$

6)

$$7398 \times 87.3 \quad \square \quad 8875 \times 80.9$$

7)

$$3892 \times 29.8 \quad \square \quad 5905 \times 23.2$$

8)

$$5455 \times 71.8 \quad \square \quad 6332 \times 51.3$$

9)

$$\begin{array}{r} 82 \\ \hline 202 \end{array} \quad \square \quad \begin{array}{r} 90 \\ \hline 196 \end{array}$$

10)

$$\begin{array}{r} 161 \\ \hline 58 \end{array} \quad \square \quad \begin{array}{r} 84 \\ \hline 33 \end{array}$$

11)

$$\begin{array}{r} 103 \\ \hline 50 \end{array} \quad \square \quad \begin{array}{r} 233 \\ \hline 122 \end{array}$$

12)

$$\begin{array}{r} 280 \\ \hline 163 \end{array} \quad \square \quad \begin{array}{r} 215 \\ \hline 127 \end{array}$$

13)

$$\begin{array}{r} 121 \\ \hline 274 \end{array} \quad \square \quad \begin{array}{r} 61 \\ \hline 139 \end{array}$$

14)

$$\begin{array}{r} 73 \\ \hline 37 \end{array} \quad \square \quad \begin{array}{r} 255 \\ \hline 116 \end{array}$$

15)

$$\begin{array}{r} 179 \\ \hline 202 \end{array} \quad \square \quad \begin{array}{r} 302 \\ \hline 342 \end{array}$$

16)

$$\begin{array}{r} 229 \\ \hline 125 \end{array} \quad \square \quad \begin{array}{r} 157 \\ \hline 75 \end{array}$$

17)

$$\begin{array}{r} 103 \\ \hline 202 \end{array} \quad \square \quad \begin{array}{r} 71 \\ \hline 145 \end{array}$$

18)

$$\begin{array}{r} 203 \\ \hline 289 \end{array} \quad \square \quad \begin{array}{r} 231 \\ \hline 315 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

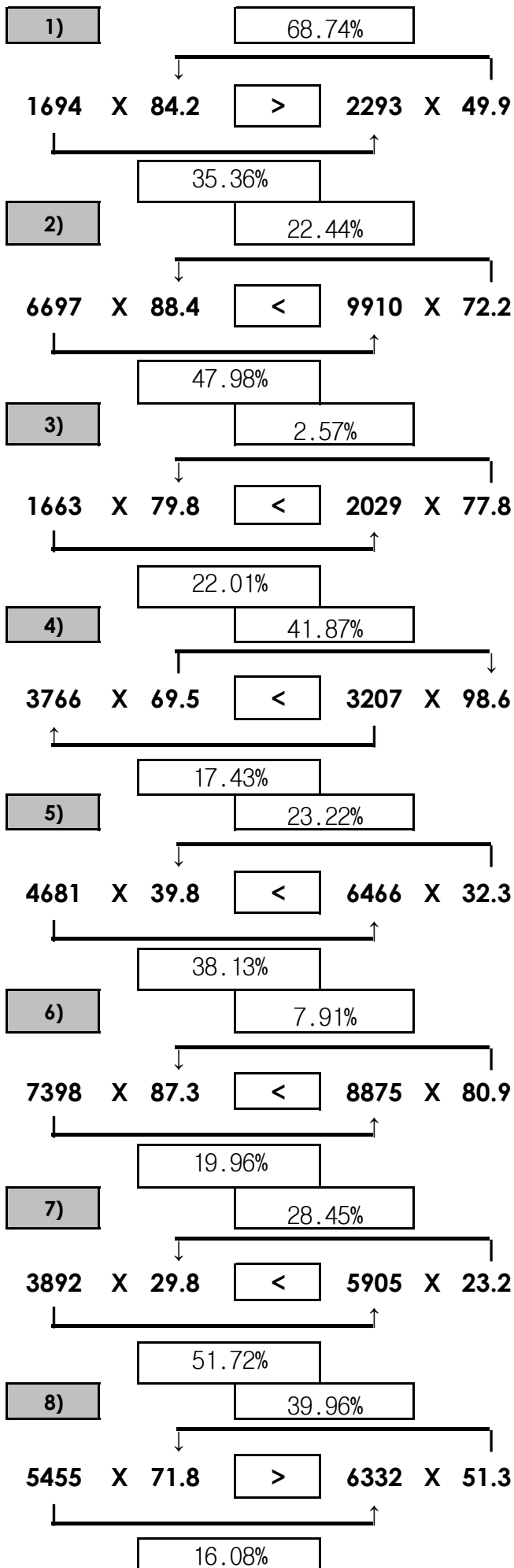
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 82 | 9.76% | 90 |
| | 202 | -> | 196 |
| | 0.406 | <- | 0.459 |
| 10) | 161 | 91.67% | 84 |
| | 58 | <- | 33 |
| | 2.776 | <- | 2.545 |
| 11) | 103 | 126.21% | 233 |
| | 50 | -> | 122 |
| | 2.060 | <- | 1.910 |
| 12) | 280 | 30.23% | 215 |
| | 163 | <- | 127 |
| | 1.718 | <- | 1.693 |
| 13) | 121 | 98.36% | 61 |
| | 274 | <- | 139 |
| | 0.442 | <- | 0.439 |
| 14) | 73 | 249.32% | 255 |
| | 37 | -> | 116 |
| | 1.973 | <- | 2.198 |
| 15) | 179 | 68.72% | 302 |
| | 202 | -> | 342 |
| | 0.886 | <- | 0.883 |
| 16) | 229 | 45.86% | 157 |
| | 125 | <- | 75 |
| | 1.832 | <- | 2.093 |
| 17) | 103 | 45.07% | 71 |
| | 202 | <- | 145 |
| | 0.510 | <- | 0.490 |
| 18) | 203 | 13.79% | 231 |
| | 289 | -> | 315 |
| | 0.702 | <- | 0.733 |

1)

$$\begin{array}{r} 5992 \\ \times 27.3 \\ \hline \end{array}$$
 2414 x 58.1

2)

$$\begin{array}{r} 3334 \\ \times 34.5 \\ \hline \end{array}$$
 2114 x 69.0

3)

$$\begin{array}{r} 4115 \\ \times 28.5 \\ \hline \end{array}$$
 2933 x 49.6

4)

$$\begin{array}{r} 2521 \\ \times 80.0 \\ \hline \end{array}$$
 9468 x 17.2

5)

$$\begin{array}{r} 3693 \\ \times 64.3 \\ \hline \end{array}$$
 5673 x 36.7

6)

$$\begin{array}{r} 3576 \\ \times 52.7 \\ \hline \end{array}$$
 2991 x 72.0

7)

$$\begin{array}{r} 6147 \\ \times 13.4 \\ \hline \end{array}$$
 9607 x 7.1

8)

$$\begin{array}{r} 2928 \\ \times 68.2 \\ \hline \end{array}$$
 5623 x 43.1

9)

$$\begin{array}{r} 288 \\ \times 256 \\ \hline \end{array}$$
 168
 161

10)

$$\begin{array}{r} 35 \\ \times 325 \\ \hline \end{array}$$
 36
 337

11)

$$\begin{array}{r} 26 \\ \times 35 \\ \hline \end{array}$$
 102
 133

12)

$$\begin{array}{r} 126 \\ \times 185 \\ \hline \end{array}$$
 220
 316

13)

$$\begin{array}{r} 292 \\ \times 253 \\ \hline \end{array}$$
 65
 57

14)

$$\begin{array}{r} 70 \\ \times 87 \\ \hline \end{array}$$
 310
 334

15)

$$\begin{array}{r} 140 \\ \times 146 \\ \hline \end{array}$$
 166
 169

16)

$$\begin{array}{r} 121 \\ \times 126 \\ \hline \end{array}$$
 198
 231

17)

$$\begin{array}{r} 30 \\ \times 176 \\ \hline \end{array}$$
 56
 306

18)

$$\begin{array}{r} 121 \\ \times 66 \\ \hline \end{array}$$
 312
 172

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

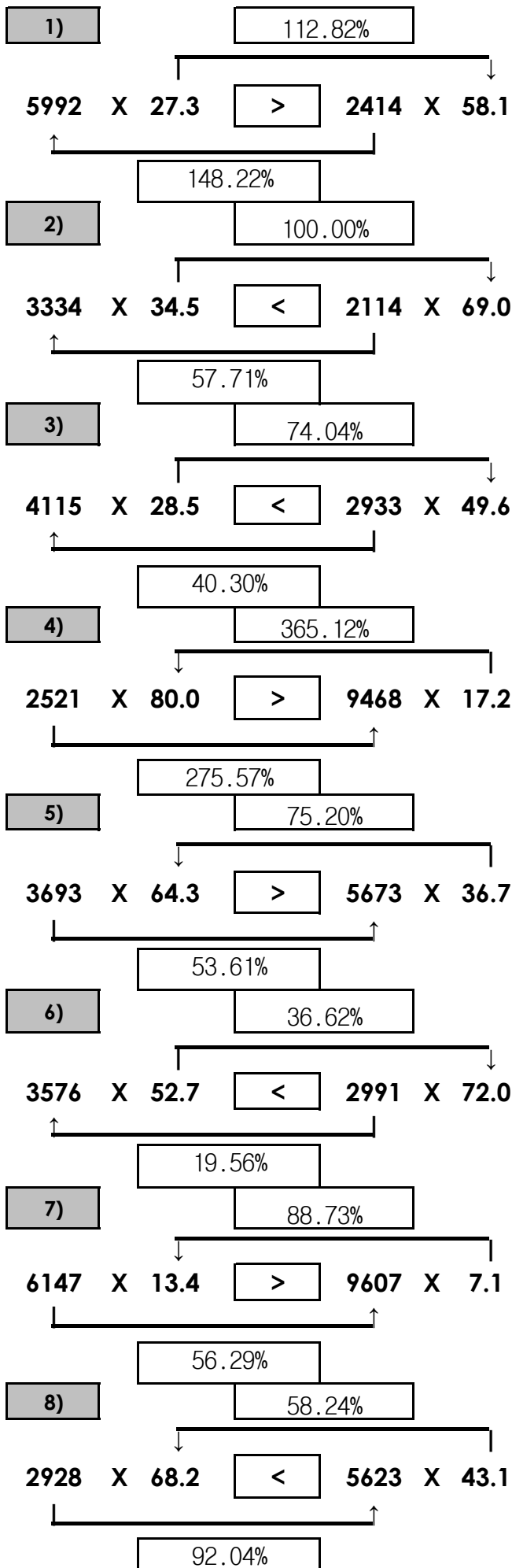
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 288 | 71.43% | 168 |
| | 256 | <- | 161 |
| | 1.125 | 59.01% | 1.043 |
| 10) | 35 | 2.86% | 36 |
| | 325 | -> | 337 |
| | 0.108 | 3.69% | 0.107 |
| 11) | 26 | 292.31% | 102 |
| | 35 | -> | 133 |
| | 0.743 | 280.00% | 0.767 |
| 12) | 126 | 74.60% | 220 |
| | 185 | -> | 316 |
| | 0.681 | 70.81% | 0.696 |
| 13) | 292 | 349.23% | 65 |
| | 253 | <- | 57 |
| | 1.154 | 343.86% | 1.140 |
| 14) | 70 | 342.86% | 310 |
| | 87 | -> | 334 |
| | 0.805 | 283.91% | 0.928 |
| 15) | 140 | 18.57% | 166 |
| | 146 | -> | 169 |
| | 0.959 | 15.75% | 0.982 |
| 16) | 121 | 63.64% | 198 |
| | 126 | -> | 231 |
| | 0.960 | 83.33% | 0.857 |
| 17) | 30 | 86.67% | 56 |
| | 176 | -> | 306 |
| | 0.170 | 73.86% | 0.183 |
| 18) | 121 | 157.85% | 312 |
| | 66 | -> | 172 |
| | 1.833 | 160.61% | 1.814 |

1)

$$3514 \times 51.3 \quad \square \quad 7659 \times 19.6$$

2)

$$5363 \times 25.1 \quad \square \quad 4528 \times 37.4$$

3)

$$6432 \times 67.1 \quad \square \quad 6837 \times 55.1$$

4)

$$2885 \times 83.1 \quad \square \quad 6218 \times 44.1$$

5)

$$4473 \times 90.1 \quad \square \quad 6767 \times 47.7$$

6)

$$2855 \times 62.7 \quad \square \quad 9993 \times 20.4$$

7)

$$8153 \times 79.4 \quad \square \quad 5965 \times 91.3$$

8)

$$6419 \times 34.6 \quad \square \quad 5836 \times 50.6$$

9)

$$\begin{array}{r} 100 \\ 152 \end{array} \quad \square \quad \begin{array}{r} 148 \\ 218 \end{array}$$

10)

$$\begin{array}{r} 52 \\ 223 \end{array} \quad \square \quad \begin{array}{r} 70 \\ 297 \end{array}$$

11)

$$\begin{array}{r} 199 \\ 271 \end{array} \quad \square \quad \begin{array}{r} 132 \\ 161 \end{array}$$

12)

$$\begin{array}{r} 103 \\ 200 \end{array} \quad \square \quad \begin{array}{r} 170 \\ 320 \end{array}$$

13)

$$\begin{array}{r} 277 \\ 179 \end{array} \quad \square \quad \begin{array}{r} 144 \\ 89 \end{array}$$

14)

$$\begin{array}{r} 295 \\ 266 \end{array} \quad \square \quad \begin{array}{r} 288 \\ 265 \end{array}$$

15)

$$\begin{array}{r} 168 \\ 108 \end{array} \quad \square \quad \begin{array}{r} 298 \\ 208 \end{array}$$

16)

$$\begin{array}{r} 314 \\ 175 \end{array} \quad \square \quad \begin{array}{r} 87 \\ 44 \end{array}$$

17)

$$\begin{array}{r} 330 \\ 343 \end{array} \quad \square \quad \begin{array}{r} 185 \\ 190 \end{array}$$

18)

$$\begin{array}{r} 114 \\ 206 \end{array} \quad \square \quad \begin{array}{r} 37 \\ 68 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

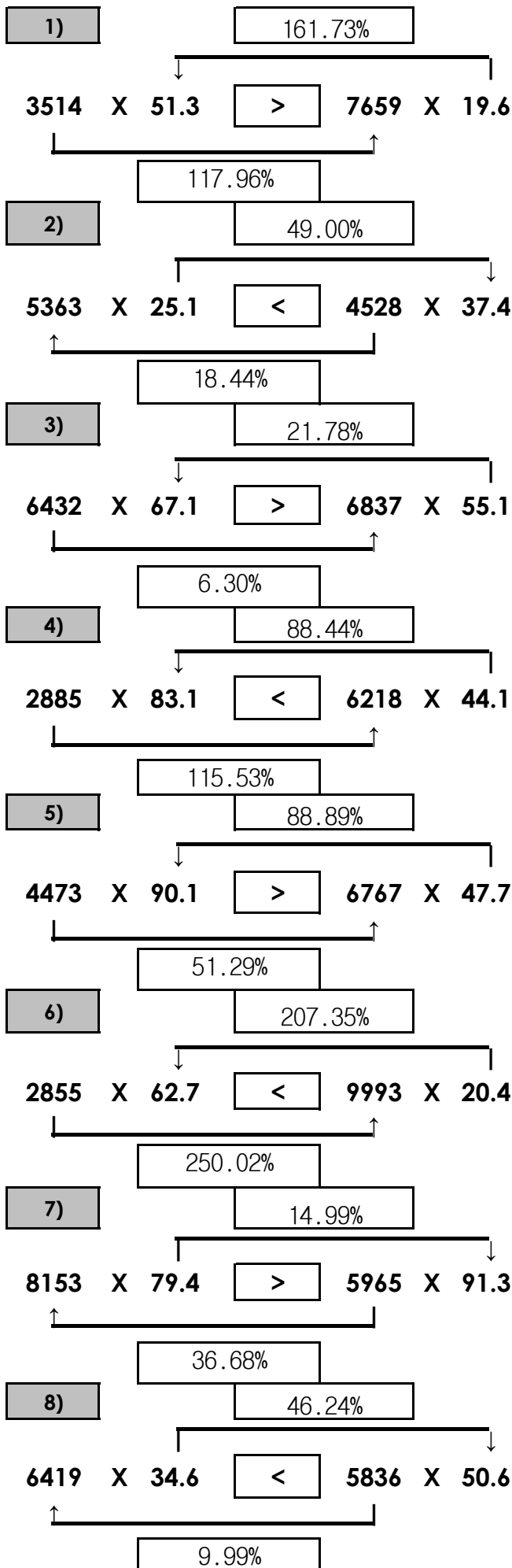
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 100 | 48.00% | 148 |
| | 152 | -> | 218 |
| | 0.658 | 43.42% | 0.679 |
| 10) | 52 | 34.62% | 70 |
| | 223 | -> | 297 |
| | 0.233 | 33.18% | 0.236 |
| 11) | 199 | 50.76% | 132 |
| | 271 | <- | 161 |
| | 0.734 | 68.32% | 0.820 |
| 12) | 103 | 65.05% | 170 |
| | 200 | -> | 320 |
| | 0.515 | 60.00% | 0.531 |
| 13) | 277 | 92.36% | 144 |
| | 179 | <- | 89 |
| | 1.547 | 101.12% | 1.618 |
| 14) | 295 | 2.43% | 288 |
| | 266 | <- | 265 |
| | 1.109 | 0.38% | 1.087 |
| 15) | 168 | 77.38% | 298 |
| | 108 | -> | 208 |
| | 1.556 | 92.59% | 1.433 |
| 16) | 314 | 260.92% | 87 |
| | 175 | <- | 44 |
| | 1.794 | 297.73% | 1.977 |
| 17) | 330 | 78.38% | 185 |
| | 343 | <- | 190 |
| | 0.962 | 80.53% | 0.974 |
| 18) | 114 | 208.11% | 37 |
| | 206 | <- | 68 |
| | 0.553 | 202.94% | 0.544 |

1)

$$\begin{array}{r} 4953 \\ \times 56.4 \\ \hline \end{array}$$
 3905 x 59.1

2)

$$\begin{array}{r} 9638 \\ \times 36.8 \\ \hline \end{array}$$
 9325 x 42.5

3)

$$\begin{array}{r} 4559 \\ \times 77.3 \\ \hline \end{array}$$
 9111 x 43.5

4)

$$\begin{array}{r} 1157 \\ \times 56.8 \\ \hline \end{array}$$
 2760 x 20.5

5)

$$\begin{array}{r} 5404 \\ \times 62.6 \\ \hline \end{array}$$
 8069 x 35.9

6)

$$\begin{array}{r} 1385 \\ \times 92.2 \\ \hline \end{array}$$
 3394 x 43.1

7)

$$\begin{array}{r} 6752 \\ \times 63.8 \\ \hline \end{array}$$
 4130 x 92.0

8)

$$\begin{array}{r} 3591 \\ \times 28.1 \\ \hline \end{array}$$
 5244 x 24.0

9)

$$\begin{array}{r} 133 \\ \times 89 \\ \hline \end{array}$$
 317
191

10)

$$\begin{array}{r} 238 \\ \times 165 \\ \hline \end{array}$$
 324
209

11)

$$\begin{array}{r} 131 \\ \times 308 \\ \hline \end{array}$$
 103
246

12)

$$\begin{array}{r} 96 \\ \times 253 \\ \hline \end{array}$$
 83
201

13)

$$\begin{array}{r} 64 \\ \times 277 \\ \hline \end{array}$$
 60
288

14)

$$\begin{array}{r} 112 \\ \times 108 \\ \hline \end{array}$$
 143
142

15)

$$\begin{array}{r} 220 \\ \times 307 \\ \hline \end{array}$$
 140
203

16)

$$\begin{array}{r} 295 \\ \times 197 \\ \hline \end{array}$$
 44
26

17)

$$\begin{array}{r} 159 \\ \times 200 \\ \hline \end{array}$$
 162
196

18)

$$\begin{array}{r} 310 \\ \times 66 \\ \hline \end{array}$$
 275
62

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

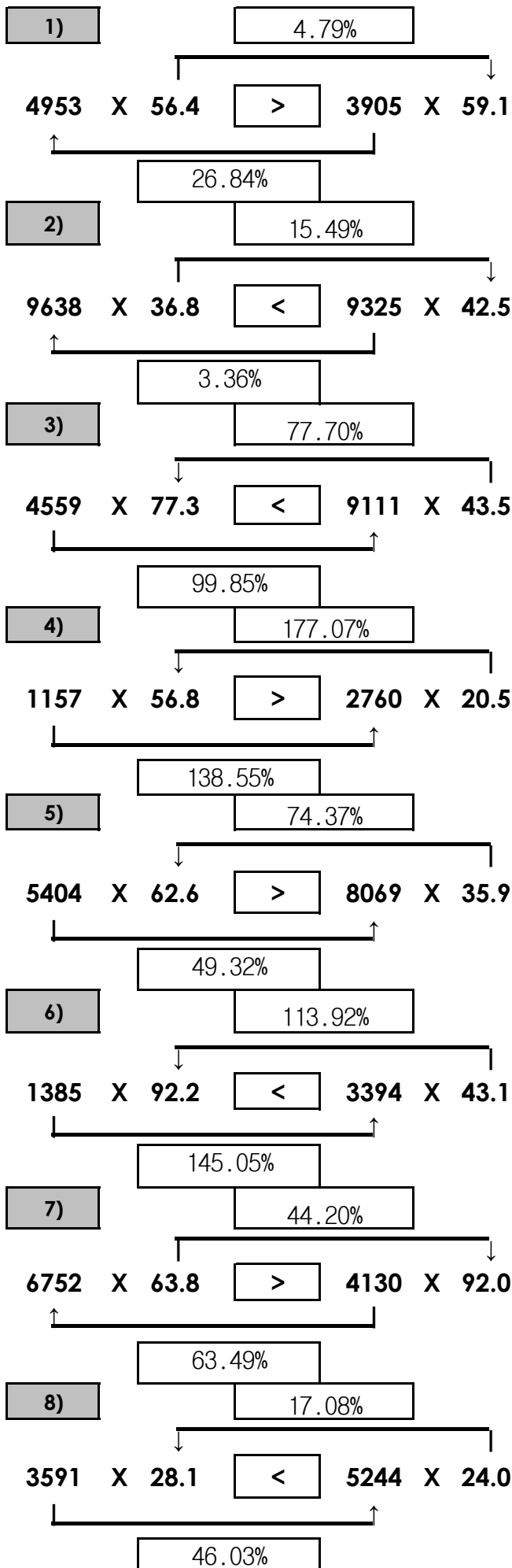
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 133 | 138.35% | 317 |
| | 89 | -> | 191 |
| | 1.494 | 114.61% | 1.660 |
| 10) | 238 | 36.13% | 324 |
| | 165 | -> | 209 |
| | 1.442 | 26.67% | 1.550 |
| 11) | 131 | 27.18% | 103 |
| | 308 | <- | 246 |
| | 0.425 | 25.20% | 0.419 |
| 12) | 96 | 15.66% | 83 |
| | 253 | <- | 201 |
| | 0.379 | 25.87% | 0.413 |
| 13) | 64 | 6.67% | 60 |
| | 277 | -> | 288 |
| | 0.231 | 3.97% | 0.208 |
| 14) | 112 | 27.68% | 143 |
| | 108 | -> | 142 |
| | 1.037 | 31.48% | 1.007 |
| 15) | 220 | 57.14% | 140 |
| | 307 | <- | 203 |
| | 0.717 | 51.23% | 0.690 |
| 16) | 295 | 570.45% | 44 |
| | 197 | <- | 26 |
| | 1.497 | 657.69% | 1.692 |
| 17) | 159 | 1.89% | 162 |
| | 200 | -> | 196 |
| | 0.795 | 2.04% | 0.827 |
| 18) | 310 | 12.73% | 275 |
| | 66 | <- | 62 |
| | 4.697 | 6.45% | 4.435 |

1)

$$\begin{array}{r} 5090 \\ \times 50.9 \\ \hline \end{array}$$
 4923 x 67.1

2)

$$\begin{array}{r} 8449 \\ \times 47.0 \\ \hline \end{array}$$
 6398 x 69.9

3)

$$\begin{array}{r} 8886 \\ \times 48.0 \\ \hline \end{array}$$
 7625 x 67.6

4)

$$\begin{array}{r} 6609 \\ \times 76.7 \\ \hline \end{array}$$
 4526 x 99.4

5)

$$\begin{array}{r} 3522 \\ \times 55.6 \\ \hline \end{array}$$
 2268 x 75.7

6)

$$\begin{array}{r} 5538 \\ \times 15.9 \\ \hline \end{array}$$
 4028 x 18.0

7)

$$\begin{array}{r} 7990 \\ \times 65.5 \\ \hline \end{array}$$
 7942 x 80.2

8)

$$\begin{array}{r} 6369 \\ \times 37.4 \\ \hline \end{array}$$
 5110 x 55.7

9)

$$\begin{array}{r} 194 \\ \times 234 \\ \hline \end{array}$$
 142

178

10)

$$\begin{array}{r} 298 \\ \times 343 \\ \hline \end{array}$$
 137

147

11)

$$\begin{array}{r} 41 \\ \times 100 \\ \hline \end{array}$$
 77

193

12)

$$\begin{array}{r} 314 \\ \times 54 \\ \hline \end{array}$$
 228

39

13)

$$\begin{array}{r} 165 \\ \times 199 \\ \hline \end{array}$$
 285

307

14)

$$\begin{array}{r} 218 \\ \times 275 \\ \hline \end{array}$$
 262

338

15)

$$\begin{array}{r} 54 \\ \times 97 \\ \hline \end{array}$$
 149

296

16)

$$\begin{array}{r} 220 \\ \times 123 \\ \hline \end{array}$$
 324

169

17)

$$\begin{array}{r} 93 \\ \times 250 \\ \hline \end{array}$$
 126

299

18)

$$\begin{array}{r} 132 \\ \times 130 \\ \hline \end{array}$$
 329

328

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

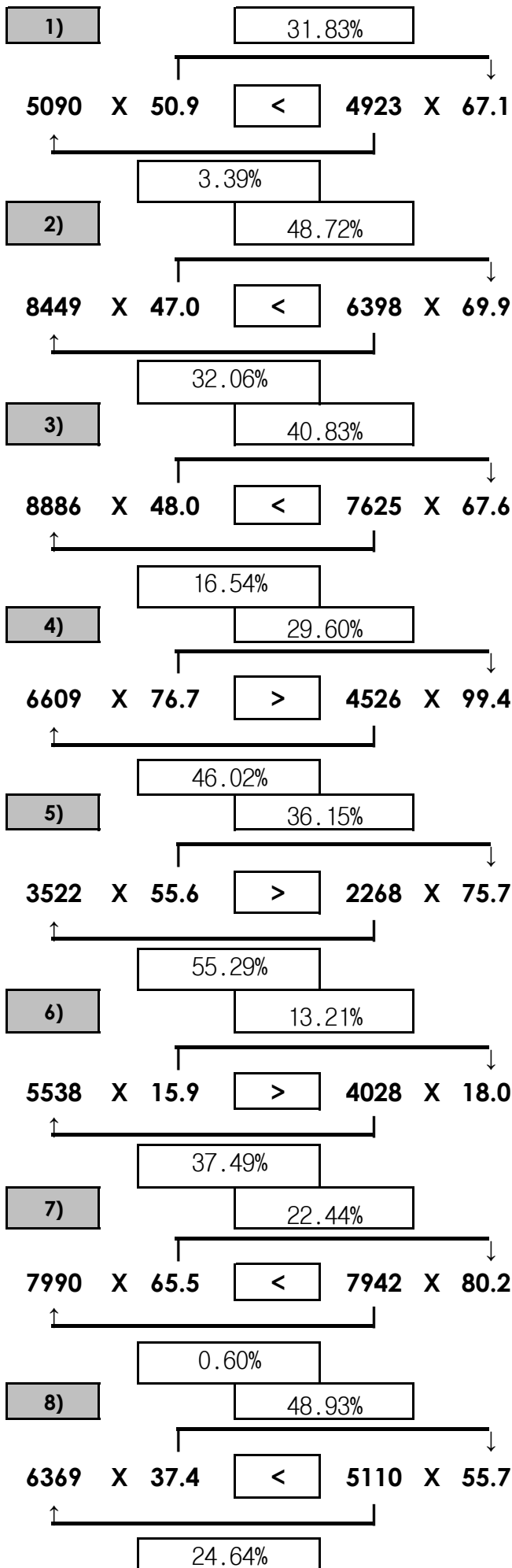
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|---------|-------|
| 9) | 194 | 36.62% | 142 |
| | 234 | <- | 178 |
| | 0.829 | 31.46% | 0.798 |
| 10) | 298 | 117.52% | 137 |
| | 343 | <- | 147 |
| | 0.869 | 133.33% | 0.932 |
| 11) | 41 | 87.80% | 77 |
| | 100 | -> | 193 |
| | 0.410 | 93.00% | 0.399 |
| 12) | 314 | 37.72% | 228 |
| | 54 | <- | 39 |
| | 5.815 | 38.46% | 5.846 |
| 13) | 165 | 72.73% | 285 |
| | 199 | -> | 307 |
| | 0.829 | 54.27% | 0.928 |
| 14) | 218 | 20.18% | 262 |
| | 275 | -> | 338 |
| | 0.793 | 22.91% | 0.775 |
| 15) | 54 | 175.93% | 149 |
| | 97 | -> | 296 |
| | 0.557 | 205.15% | 0.503 |
| 16) | 220 | 47.27% | 324 |
| | 123 | -> | 169 |
| | 1.789 | 37.40% | 1.917 |
| 17) | 93 | 35.48% | 126 |
| | 250 | -> | 299 |
| | 0.372 | 19.60% | 0.421 |
| 18) | 132 | 149.24% | 329 |
| | 130 | -> | 328 |
| | 1.015 | 152.31% | 1.003 |

1)

$$7270 \times 71.1 \quad \square \quad 4380 \times 98.0$$

2)

$$7752 \times 94.2 \quad \square \quad 9376 \times 64.5$$

3)

$$5879 \times 60.2 \quad \square \quad 10050 \times 29.5$$

4)

$$6392 \times 88.9 \quad \square \quad 8841 \times 74.6$$

5)

$$3820 \times 92.5 \quad \square \quad 6950 \times 65.0$$

6)

$$3380 \times 36.0 \quad \square \quad 2022 \times 68.7$$

7)

$$6934 \times 49.5 \quad \square \quad 4836 \times 58.9$$

8)

$$1737 \times 87.1 \quad \square \quad 5601 \times 30.8$$

9)

$$\begin{array}{r} 152 \\ \hline 211 \end{array} \quad \square \quad \begin{array}{r} 249 \\ \hline 331 \end{array}$$

10)

$$\begin{array}{r} 327 \\ \hline 276 \end{array} \quad \square \quad \begin{array}{r} 282 \\ \hline 217 \end{array}$$

11)

$$\begin{array}{r} 256 \\ \hline 307 \end{array} \quad \square \quad \begin{array}{r} 313 \\ \hline 330 \end{array}$$

12)

$$\begin{array}{r} 138 \\ \hline 339 \end{array} \quad \square \quad \begin{array}{r} 99 \\ \hline 241 \end{array}$$

13)

$$\begin{array}{r} 180 \\ \hline 235 \end{array} \quad \square \quad \begin{array}{r} 179 \\ \hline 201 \end{array}$$

14)

$$\begin{array}{r} 229 \\ \hline 309 \end{array} \quad \square \quad \begin{array}{r} 206 \\ \hline 284 \end{array}$$

15)

$$\begin{array}{r} 324 \\ \hline 241 \end{array} \quad \square \quad \begin{array}{r} 178 \\ \hline 150 \end{array}$$

16)

$$\begin{array}{r} 240 \\ \hline 297 \end{array} \quad \square \quad \begin{array}{r} 182 \\ \hline 209 \end{array}$$

17)

$$\begin{array}{r} 224 \\ \hline 131 \end{array} \quad \square \quad \begin{array}{r} 325 \\ \hline 171 \end{array}$$

18)

$$\begin{array}{r} 275 \\ \hline 182 \end{array} \quad \square \quad \begin{array}{r} 309 \\ \hline 223 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

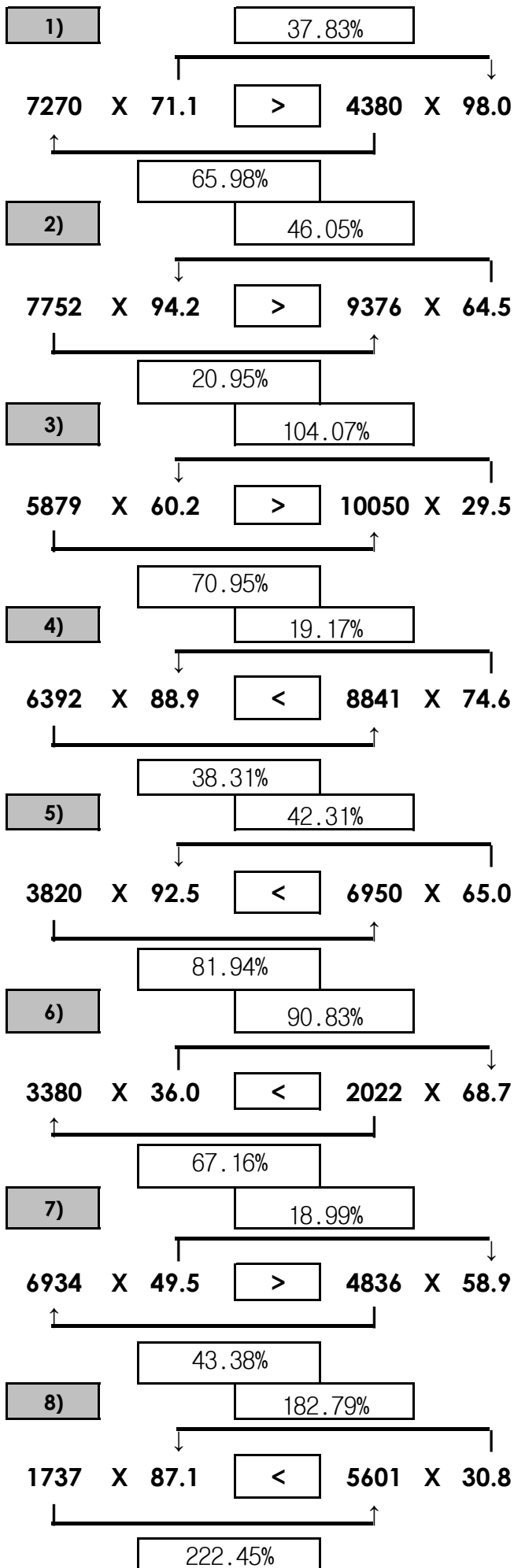
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|-------|--------|-------|
| 9) | 152 | 63.82% | 249 |
| | 211 | -> | 331 |
| | 0.720 | 56.87% | 0.752 |
| 10) | 327 | 15.96% | 282 |
| | 276 | <- | 217 |
| | 1.185 | 27.19% | 1.300 |
| 11) | 256 | 22.27% | 313 |
| | 307 | -> | 330 |
| | 0.834 | 7.49% | 0.948 |
| 12) | 138 | 39.39% | 99 |
| | 339 | <- | 241 |
| | 0.407 | 40.66% | 0.411 |
| 13) | 180 | 0.56% | 179 |
| | 235 | <- | 201 |
| | 0.766 | 16.92% | 0.891 |
| 14) | 229 | 11.17% | 206 |
| | 309 | <- | 284 |
| | 0.741 | 8.80% | 0.725 |
| 15) | 324 | 82.02% | 178 |
| | 241 | <- | 150 |
| | 1.344 | 60.67% | 1.187 |
| 16) | 240 | 31.87% | 182 |
| | 297 | <- | 209 |
| | 0.808 | 42.11% | 0.871 |
| 17) | 224 | 45.09% | 325 |
| | 131 | -> | 171 |
| | 1.710 | 30.53% | 1.901 |
| 18) | 275 | 12.36% | 309 |
| | 182 | -> | 223 |
| | 1.511 | 22.53% | 1.386 |

1)

$$\begin{array}{r} 6897 \\ \times 56.1 \\ \hline \end{array}$$
 7068 x 48.8

2)

$$\begin{array}{r} 3432 \\ \times 36.5 \\ \hline \end{array}$$
 6491 x 24.7

3)

$$\begin{array}{r} 1660 \\ \times 93.4 \\ \hline \end{array}$$
 4482 x 28.6

4)

$$\begin{array}{r} 7019 \\ \times 52.2 \\ \hline \end{array}$$
 8464 x 34.9

5)

$$\begin{array}{r} 1853 \\ \times 71.6 \\ \hline \end{array}$$
 5285 x 31.2

6)

$$\begin{array}{r} 4183 \\ \times 47.3 \\ \hline \end{array}$$
 7098 x 24.4

7)

$$\begin{array}{r} 2188 \\ \times 98.6 \\ \hline \end{array}$$
 8165 x 33.1

8)

$$\begin{array}{r} 2335 \\ \times 71.0 \\ \hline \end{array}$$
 3432 x 42.7

9)

$$\begin{array}{r} 159 \\ 148 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ 126 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 240 \\ 59 \\ \hline \end{array}$$

$$\begin{array}{r} 284 \\ 74 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 117 \\ 129 \\ \hline \end{array}$$

$$\begin{array}{r} 302 \\ 329 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 67 \\ 34 \\ \hline \end{array}$$

$$\begin{array}{r} 242 \\ 137 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 291 \\ 258 \\ \hline \end{array}$$

$$\begin{array}{r} 293 \\ 228 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 241 \\ 115 \\ \hline \end{array}$$

$$\begin{array}{r} 186 \\ 79 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 260 \\ 222 \\ \hline \end{array}$$

$$\begin{array}{r} 199 \\ 191 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 186 \\ 105 \\ \hline \end{array}$$

$$\begin{array}{r} 155 \\ 96 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 106 \\ 160 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ 79 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 55 \\ 249 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ 295 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin M

매일 매일 하나씩, 자료해석 비타민

| | | | |
|----|---------|---------------------------|---------|
| 1) | 14.96% | 6897 X 56.1 > 7068 X 48.8 | 2.48% |
| 2) | 47.77% | 3432 X 36.5 < 6491 X 24.7 | 89.13% |
| 3) | 226.57% | 1660 X 93.4 > 4482 X 28.6 | 170.00% |
| 4) | 49.57% | 7019 X 52.2 > 8464 X 34.9 | 20.59% |
| 5) | 129.49% | 1853 X 71.6 < 5285 X 31.2 | 185.21% |
| 6) | 93.85% | 4183 X 47.3 > 7098 X 24.4 | 69.69% |
| 7) | 197.89% | 2188 X 98.6 < 8165 X 33.1 | 273.17% |
| 8) | 66.28% | 2335 X 71.0 > 3432 X 42.7 | 46.98% |

| | | | |
|-----|---------------------|--------------------------------|---------------------|
| 9) | 159 148 1.074 | 11.97% <- <- 17.46% | 142 126 1.127 |
| 10) | 240 59 4.068 | 18.33% -> -> 25.42% | 284 74 3.838 |
| 11) | 117 129 0.907 | 158.12% -> -> 155.04% | 302 329 0.918 |
| 12) | 67 34 1.971 | 261.19% -> -> 302.94% | 242 137 1.766 |
| 13) | 291 258 1.128 | 0.69% -> <- 13.16% | 293 228 1.285 |
| 14) | 241 115 2.096 | 29.57% <- <- 45.57% | 186 79 2.354 |
| 15) | 260 222 1.171 | 30.65% <- <- 16.23% | 199 191 1.042 |
| 16) | 186 105 1.771 | 20.00% <- <- 9.38% | 155 96 1.615 |
| 17) | 106 160 0.663 | 120.83% <- <- 102.53% | 48 79 0.608 |
| 18) | 55 249 0.221 | 7.27% -> -> 18.47% | 59 295 0.200 |

1)

$$8401 \times 53.4 \quad \square \quad 8270 \times 71.2$$

2)

$$6642 \times 34.1 \quad \square \quad 3232 \times 61.0$$

3)

$$6755 \times 22.5 \quad \square \quad 9694 \times 18.1$$

4)

$$10004 \times 65.6 \quad \square \quad 8336 \times 65.6$$

5)

$$4016 \times 27.8 \quad \square \quad 2712 \times 50.3$$

6)

$$5261 \times 46.4 \quad \square \quad 2458 \times 87.6$$

7)

$$4414 \times 64.7 \quad \square \quad 3827 \times 66.4$$

8)

$$7647 \times 4.3 \quad \square \quad 3320 \times 8.2$$

9)

$$\begin{array}{r} 124 \\ \hline 93 \end{array} \quad \square \quad \begin{array}{r} 288 \\ \hline 238 \end{array}$$

10)

$$\begin{array}{r} 218 \\ \hline 275 \end{array} \quad \square \quad \begin{array}{r} 268 \\ \hline 304 \end{array}$$

11)

$$\begin{array}{r} 176 \\ \hline 270 \end{array} \quad \square \quad \begin{array}{r} 92 \\ \hline 155 \end{array}$$

12)

$$\begin{array}{r} 146 \\ \hline 106 \end{array} \quad \square \quad \begin{array}{r} 264 \\ \hline 184 \end{array}$$

13)

$$\begin{array}{r} 211 \\ \hline 50 \end{array} \quad \square \quad \begin{array}{r} 178 \\ \hline 40 \end{array}$$

14)

$$\begin{array}{r} 216 \\ \hline 132 \end{array} \quad \square \quad \begin{array}{r} 308 \\ \hline 183 \end{array}$$

15)

$$\begin{array}{r} 297 \\ \hline 165 \end{array} \quad \square \quad \begin{array}{r} 125 \\ \hline 66 \end{array}$$

16)

$$\begin{array}{r} 80 \\ \hline 72 \end{array} \quad \square \quad \begin{array}{r} 231 \\ \hline 190 \end{array}$$

17)

$$\begin{array}{r} 94 \\ \hline 32 \end{array} \quad \square \quad \begin{array}{r} 175 \\ \hline 53 \end{array}$$

18)

$$\begin{array}{r} 319 \\ \hline 195 \end{array} \quad \square \quad \begin{array}{r} 85 \\ \hline 45 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

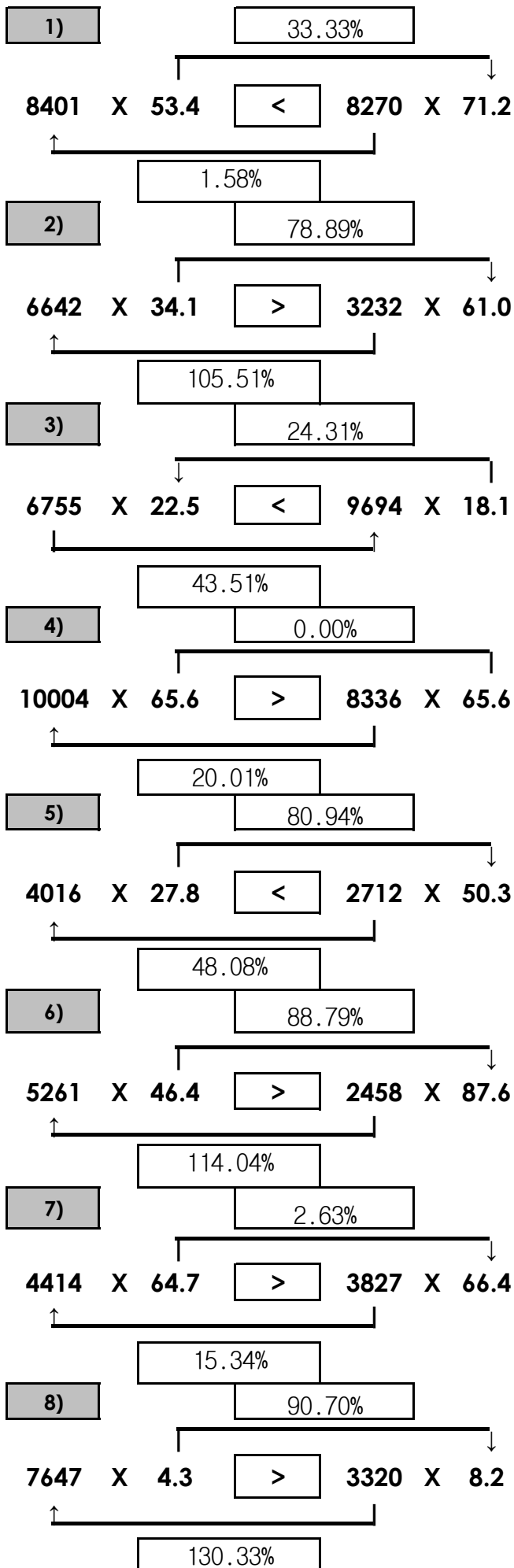
2'30"~3'00" : good

2'00"~2'30" : Excellent

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Vitamin M

매일 매일 하나씩, 자료해석 비타민



| | | | |
|-----|---------------------|--------------------------|---------------------|
| 9) | 124 93 1.333 | 132.26% -> 155.91% | 288 238 1.210 |
| 10) | 218 275 0.793 | 22.94% -> 10.55% | 268 304 0.882 |
| 11) | 176 270 0.652 | 91.30% <- 74.19% | 92 155 0.594 |
| 12) | 146 106 1.377 | 80.82% -> 73.58% | 264 184 1.435 |
| 13) | 211 50 4.220 | 18.54% <- 25.00% | 178 40 4.450 |
| 14) | 216 132 1.636 | 42.59% -> 38.64% | 308 183 1.683 |
| 15) | 297 165 1.800 | 137.60% <- 150.00% | 125 66 1.894 |
| 16) | 80 72 1.111 | 188.75% -> 163.89% | 231 190 1.216 |
| 17) | 94 32 2.938 | 86.17% -> 65.63% | 175 53 3.302 |
| 18) | 319 195 1.636 | 275.29% <- 333.33% | 85 45 1.889 |